ALPINE

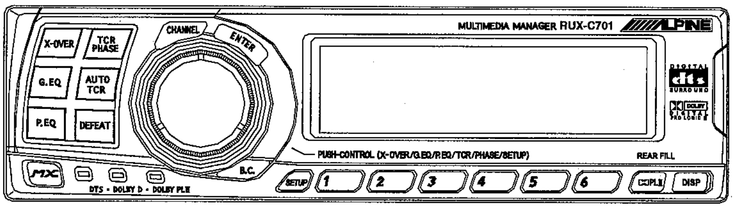
SERVICE MANUAL

MULTIMEDIA MANAGER ™

DOLBY DIGITAL PRO LOGIC II

DIGITAL dts SURROUND

* The model described in this manual is developed from Model PXA-H700.
For information that is not mentioned in this service manual, refer to the Service Manual • PXA-H700 (Part No. 68E35821S01).
< Please refer to COMMANDER UNIT of PXA-H700. >


MULTIMEDIA MANAGER RUX-C701
ALPINE
X-OVER
TCR PHASE
G.EQ
AUTO TCR
P.EQ
DEFEAT
CHANNEL
ENTER
B.C.
PUSH-CONTROL (X-OVER/G.EQ/P.EQ/TCR/PHASE/SETUP)
REAR FILL
DTS • DOLBY D • DOLBY PLII
SETUP
1
2
3
4
5
6
DISP

TO ALPINE Home Page

4 / 04-A
68E36343S01

RUX-C701

<Cautions for Safe Repair Work>

The following cautions will prevent accidents in the workplace and will ensure safe products.
*The symbols indicate caution is needed to prevent injuries and damage to property.
The symbols and their meanings follow.

⚠ **Warning**	If you ignore this symbol and handle the product incorrectly or unsafely, serious injury or death may result.
⚠ **Caution**	If you ignore this symbol and handle the product incorrectly or unsafely, injury or only material damage may result.

*The following symbols indicate two levels of cautions.

⚠	When you see this symbol, you have to be very careful.
❗	When you see this symbol, you have to follow the instructions there.

⚠ Warning

⚠	**Do not look squarely into the laser light coming from the pickup.** You may loose you sight.	❗	**Fuse Caution** Always use a designated fuse. Use of an incorrect fuse may result in a fire.

⚠ Caution

⚠	**Do not allow wiring to be caught in the screw/chassis.** If wiring is caught in the screw/chassis, it may cause a short circuit, resulting in a fire.	❗	**Battery Caution** Use the designated battery. Confirm the correct polarity and seat of the battery. An incorrect battery or an improperly connected or seated battery may result in a fire.
⚠	**High Temperature Caution** Touching the heat sink may cause severe burns.	❗	**Designated Parts Caution** Look up the part list and ensure that only designated parts are used to prevent problems or accidents.
⚠	**Reverse Power Supply Connections or Misconnections Caution** Reverse power supply connections or misconnections may cause ignition problems and smoke may result.	❗	**Wiring Caution** Ensure that the wiring is correct when rewiring to prevent problems with ignition/breakdown.
⚠	**Soldering Caution** Hot solder from solder splash may cause severe burns.	❗	**Wear Gloves** Wear gloves to prevent electrical shocks or injury from the end face of the metal.

Contents

Packing Assembly Parts List 4

Packing Method View 4

<COMMANDER Unit> 5 to 13

Specifications System Connection Block Diagram	Refer to the Service Manual - PXA-H700 (Part No. 68E35821S01).

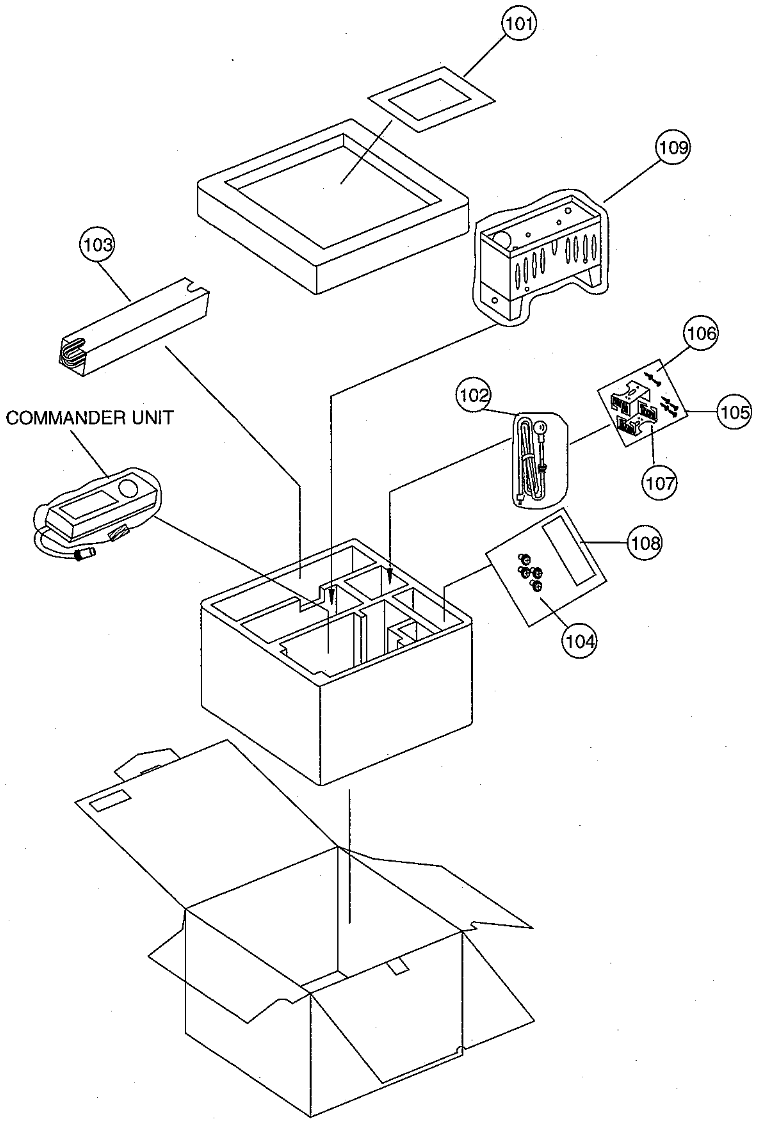
NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.

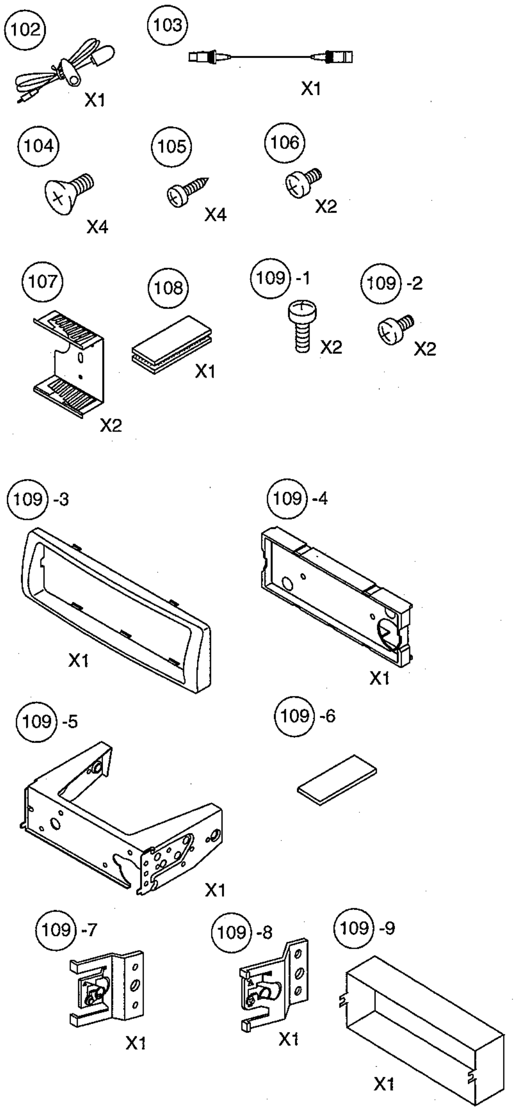
Packing Assembly Parts List

Symbol No.	Part No.	Description
#1 101	68-00493Z12	MANUAL,OWNERS
$1 101	68-00493Z13	MANUAL,OWNERS
102	01T35715Y02	MIC,A-TCR MIC UNIT
103	01E34617S01	ASSY,CABLE 13P
104	03E10240S02	SCR,M5X8(F)MCH
105	03E31996S01	SCR,M2.6X8(B)TPG1
106	03E32133S01	SCR,M3X5(B)MCH
107	07E31999S01	BRACKET,SPRING
108	75E26094S01	TAPE,PAD-MAGIC
109-1	03E09416S05	SCR,M2.6X6(P)MCH-TPT
109-2	03E32133S01	SCR,M3X5(B)MCH
109-3	64E31829S01	PLATE,FACE
109-4	43E32141S01	SPACER,ESC
109-5	07E31998S01	BRACKET,MAIN
109-6	75E34619S01	CUSHION,BKT
109-7	07E36479S01	ASSY,BKT SIDE(L)
109-8	07E36480S01	ASSY,BKT SIDE(R)
109-9	15E21170S01	CASE,INNER

NOTE : #1 : For North American Model Only, $1 : For General Foreign Model Only, Others : Common.

Packing Method View


101
109
103
COMMANDER UNIT
106
102
105
107
108
104


102
X1
103
X1
104
X4
105
X4
106
X2
107
X2
108
X1
109 -1
X2
109 -2
X2
109 -3
X1
109 -4
X1
109 -5
X1
109 -6
109 -7
X1
109 -8
X1
109 -9
X1

TO CONTENTS

<COMMANDER Unit>

Parts Layout on P.W.Boards and Wiring Diagram 6
Schematic Diagram 7
Electrical Parts List 8 to 12
Cabinet Parts List (Only Difference) 13

Terminal Voltage of IC/TR
Exploded View (Cabinet) (COMMANDER Unit)

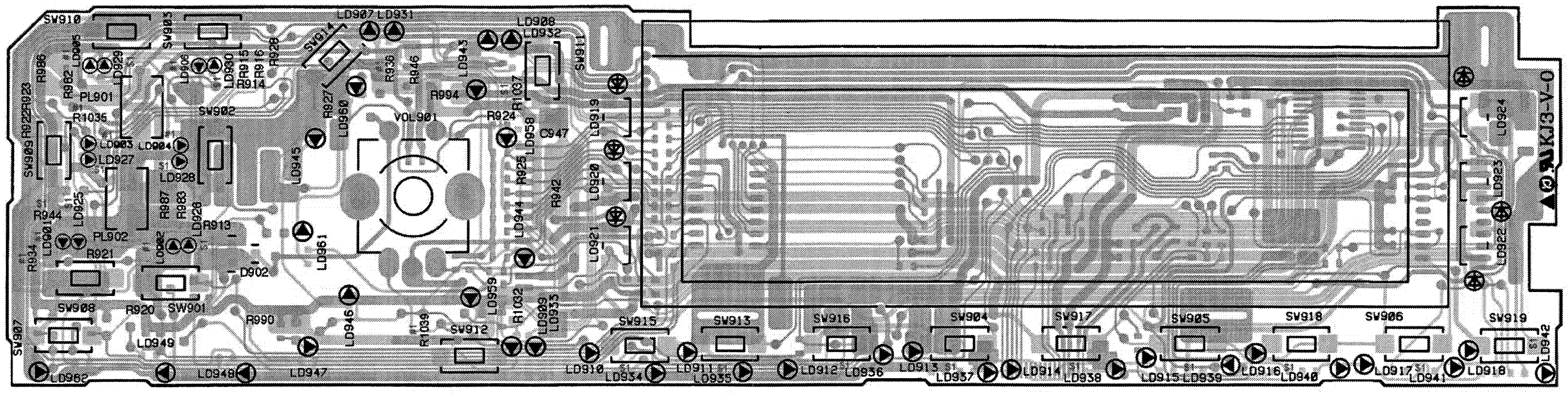
Refer to the Service
Manual - PXA-H700
(Part No. 68E35821S01).

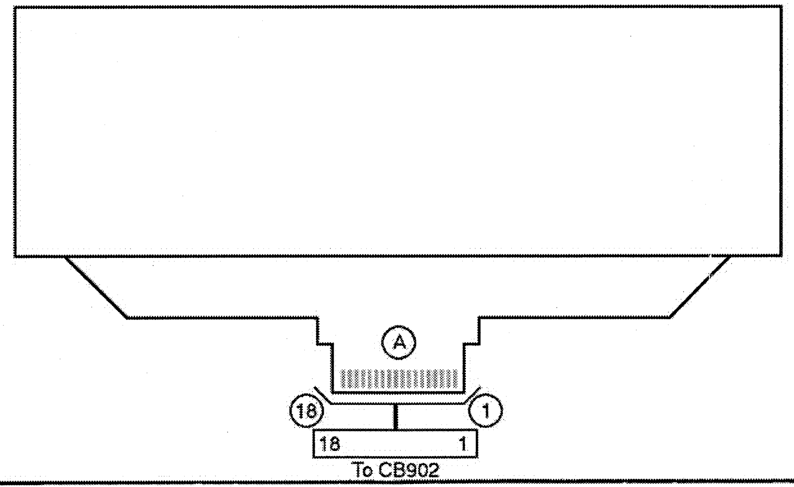
NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.

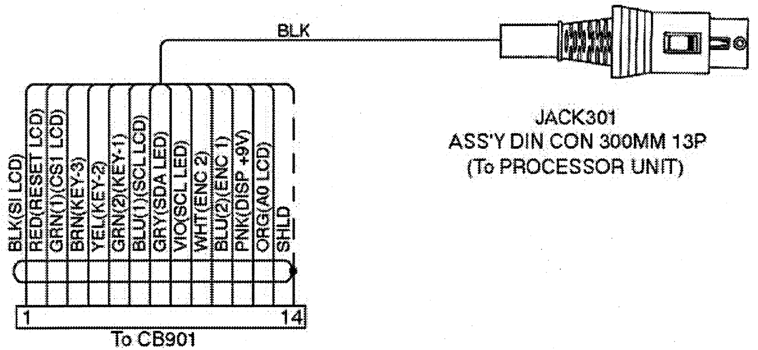
TO CONTENTS

Parts Layout on P.W.Board and Wiring Diagram

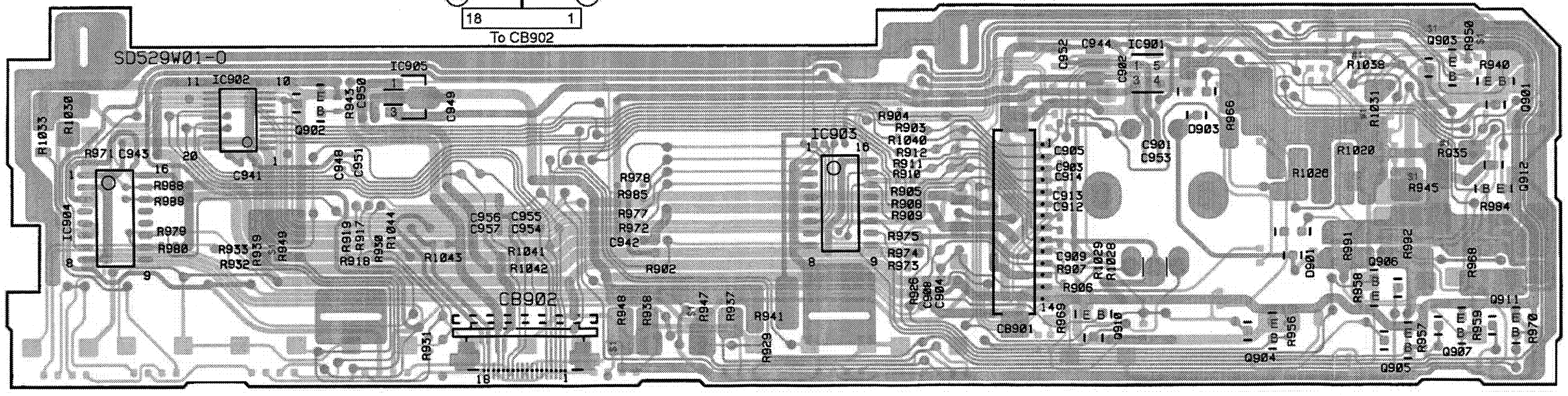
FRONT P.W.Board (Component Side View)


SW910
SW903
LD907
LD931
LD908
LD932
SW914
SW911
R986
LD905
LD929
LD906
LD930
R915
R916
R928
R914
R938
R946
LD943
R1037
R982
PL901
R1035
R923
R922
SW909
SW902
R927
LD960
VOL901
R994
R924
C947
LD958
LD919
LD903
LD904
LD927
LD928
LD945
R925
R942
LD920
LD924
LD923
KJ3-V-0
R944
LD925
LD901
R987
R983
LD926
R913
LD961
LD944
LD921
LD922
PL902
R934
R921
LD902
D902
SW908
R920
SW901
R990
SW907
LD949
LD946
R1039
SW912
LD959
R1032
LD909
LD933
SW915
SW913
SW916
SW904
SW917
SW905
SW918
SW906
SW919
LD942
LD962
LD948
LD947
LD910
LD934
LD911
LD935
LD912
LD936
LD913
LD937
LD914
LD938
LD915
LD939
LD916
LD940
LD917
LD941
LD918


LCD1
LCD,NTD-21358H
(Top Side View)
Ⓐ
⑱
①
18
1
To CB902


BLK
BLK(SI LCD)
RED(RESET LCD)
GRN(1)(CS1 LCD)
BRN(KEY-3)
YEL(KEY-2)
GRN(2)(KEY-1)
BLU(1)(SCL LCD)
GRY(SDA LED)
VIO(SCL LED)
WHT(ENC 2)
BLU(2)(ENC 1)
PNK(DISP +9V)
ORG(A0 LCD)
SHLD
1
14
To CB901
JACK301
ASS'Y DIN CON 300MM 13P
(To PROCESSOR UNIT)

FRONT P.W.Board
(Foil Side View)


SD529W01-0
IC902
IC905
R943
C950
C949
Q902
R1033
R1030
R971
C943
C941
C948
C951
IC904
R988
R989
R979
R980
R933
R932
R939
R940
R919
R917
R918
R930
R1044
R1043
C956
C957
C955
C954
R1041
R1042
CB902
18
1
R931
R978
R985
R977
R972
C942
R902
R948
R958
R947
R937
R941
R929
IC903
R904
R903
R1040
R912
R911
R910
R905
R908
R909
R975
R974
R973
R926
C908
C904
C905
C903
C914
C913
C912
C909
R907
R906
R969
R1029
R1028
Q910
CB901
C952
C944
IC901
C902
C901
C953
D903
R966
R1038
R1031
R1020
R1026
Q903
R950
R940
Q901
R935
R945
Q912
R984
D901
R991
D906
R992
R968
R938
R936
R957
R959
Q907
Q911
R970
Q904
Q905

NOTE:#1:For North American Model Only,
$1:For General Foreign Model Only,
Others:Common.

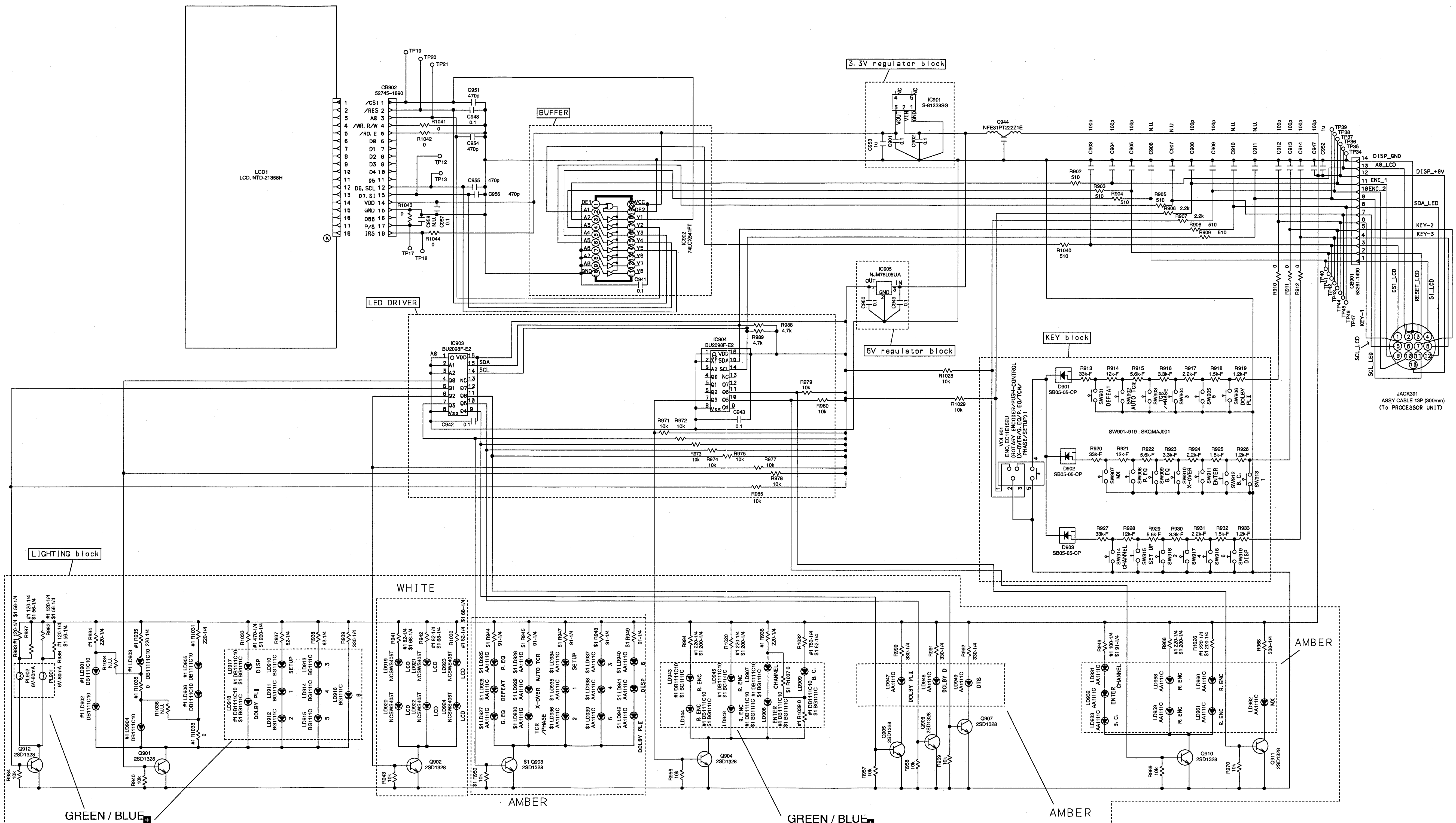
Orange Color Pattern:Component Side Pattern
Blue Color Pattern:Foil Side Pattern

1
2
3
4
5

A | B | C | D | E | F | G

Schematic Diagram

HUX-C701



LCD1
LCD, NTD-21358H
CB902
52745-1890
BUFFER
IC902
74LCX541FT
LED DRIVER
IC903
BU2098F-E2
IC904
BU2098F-E2
3.3V regulator block
IC901
S-81233SG
C944
NFE31PT222Z1E
5V regulator block
IC905
NJM78L05UA
KEY block
SW901-919 : SKQMAJ001
D901
SB05-05-CP
D902
SB05-05-CP
D903
SB05-05-CP
CB901
53261-1490
DISP_GND
A0_LCD
DISP_+9V
ENC_1
ENC_2
SDA_LED
KEY-2
KEY-3
KEY-1
CS1_LCD
RESET_LCD
SI_LCD
SCL_LCD
SCL_LED
JACK301
ASSY CABLE 13P (300mm)
(To PROCESSOR UNIT)
LIGHTING block
WHITE
AMBER
GREEN / BLUE
DEFEAT
AUTO TCR
TCR /PHASE
DOLBY PL II
MX
P. EQ
G. EQ
X-OVER
ENTER
B. C.
CHANNEL
SET UP
SETUP
DISP
LCD
R. ENC
DTS
DOLBY D

NOTE : #1 : For North American Model Only, $1 : For General Foreign Model Only, Others : Common.

FRONT P. W. Board
NOTE : N. U. is Not Used Parts.

TO P. W. BOARD

TO CONTENTS

Electrical Parts List

* Each parts on P.W.Board are described in order of the reference number.

NOTE : #1 : For North American Model Only, $1 : For General Foreign Model Only,
Others : Common.

=======FRONT P.W.Board

	C901	08E36472S01	CAP CER. CP 0.1uF
	C902	08E36472S01	CAP CER. CP 0.1uF
	C903	08E36470S01	CAP CER. CP 100pF
	C904	08E36470S01	CAP CER. CP 100pF
	C905	08E36470S01	CAP CER. CP 100pF
	C908	08E36470S01	CAP CER. CP 100pF
	C909	08E36470S01	CAP CER. CP 100pF
	C912	08E36470S01	CAP CER. CP 100pF
	C913	08E36470S01	CAP CER. CP 100pF
	C914	08E36470S01	CAP CER. CP 100pF
	C941	08E36472S01	CAP CER. CP 0.1uF
	C942	08E36472S01	CAP CER. CP 0.1uF
	C943	08E36472S01	CAP CER. CP 0.1uF
	C944	91T15058Y07	FILTER EMI NFE31PT222Z1E
	C947	08E36470S01	CAP CER. CP 100pF
	C948	08E36472S01	CAP CER. CP 0.1uF
	C949	08E36472S01	CAP CER. CP 0.1uF
	C950	08E36472S01	CAP CER. CP 0.1uF
	C951	08E36471S01	CAP CER. CP 470pF
	C952	08E36473S01	CAP CER. CP 1uF
	C953	08E36473S01	CAP CER. CP 1uF
	C954	08E36471S01	CAP CER. CP 470pF
	C955	08E36471S01	CAP CER. CP 470pF
	C956	08E36471S01	CAP CER. CP 470pF
	C957	08E36472S01	CAP CER. CP 0.1uF
	CB901	09T75307W14	WTB,53261-1490
	CB902	09T15107Y18	FFC,52745-1890
	D901	48T15702W01	DIODE SHOTTKY,SB05-05CP
	D902	48T15702W01	DIODE SHOTTKY,SB05-05CP
	D903	48T15702W01	DIODE SHOTTKY,SB05-05CP
	IC901	51T15490Y03	IC,S-81233SG
	IC902	51T25501Y01	IC,TC74LCX541FT
	IC903	51T55576Y01	IC,BU2098F
	IC904	51T55576Y01	IC,BU2098F
	IC905	51E36474S01	REG IC NJM78L05UA
#1	LD901	48T25534Y09	LED,BLUE DB1111C10
#1	LD902	48T25534Y09	LED,BLUE DB1111C10
#1	LD903	48T25534Y09	LED,BLUE DB1111C10
#1	LD904	48T25534Y09	LED,BLUE DB1111C10
#1	LD905	48T25534Y09	LED,BLUE DB1111C10
#1	LD906	48T25534Y09	LED,BLUE DB1111C10
#1	LD907	48T25534Y09	LED,BLUE DB1111C10
$1	LD907	48T25534Y01	LED,GRN BG1111C
#1	LD908	48T25534Y09	LED,BLUE DB1111C10
$1	LD908	48T25534Y01	LED,GRN BG1111C
#1	LD909	48T25534Y09	LED,BLUE DB1111C10
$1	LD909	48T25534Y01	LED,GRN BG1111C
	LD910	48T25534Y01	LED,GRN BG1111C

TO CONTENTS

	LD911	48T25534Y01	LED,GRN BG1111C
	LD912	48T25534Y01	LED,GRN BG1111C
	LD913	48T25534Y01	LED,GRN BG1111C
	LD914	48T25534Y01	LED,GRN BG1111C
	LD915	48T25534Y01	LED,GRN BG1111C
	LD916	48T25534Y01	LED,GRN BG1111C
#1	LD917	48T25534Y09	LED,BLUE DB1111C10
$1	LD917	48T25534Y01	LED,GRN BG1111C
#1	LD918	48T25534Y09	LED,BLUE DB1111C10
$1	LD918	48T25534Y01	LED,GRN BG1111C
	LD919	48T45280Y01	LED,WHITE NCSWS405T
	LD920	48T45280Y01	LED,WHITE NCSWS405T
	LD921	48T45280Y01	LED,WHITE NCSWS405T
	LD922	48T45280Y01	LED,WHITE NCSWS405T
	LD923	48T45280Y01	LED,WHITE NCSWS405T
	LD924	48T45280Y01	LED,WHITE NCSWS405T
$1	LD925	48T25534Y03	LED,AMB AA1111C
$1	LD926	48T25534Y03	LED,AMB AA1111C
$1	LD927	48T25534Y03	LED,AMB AA1111C
$1	LD928	48T25534Y03	LED,AMB AA1111C
$1	LD929	48T25534Y03	LED,AMB AA1111C
$1	LD930	48T25534Y03	LED,AMB AA1111C
	LD931	48T25534Y03	LED,AMB AA1111C
	LD932	48T25534Y03	LED,AMB AA1111C
	LD933	48T25534Y03	LED,AMB AA1111C
$1	LD934	48T25534Y03	LED,AMB AA1111C
$1	LD935	48T25534Y03	LED,AMB AA1111C
$1	LD936	48T25534Y03	LED,AMB AA1111C
$1	LD937	48T25534Y03	LED,AMB AA1111C
$1	LD938	48T25534Y03	LED,AMB AA1111C
$1	LD939	48T25534Y03	LED,AMB AA1111C
$1	LD940	48T25534Y03	LED,AMB AA1111C
$1	LD941	48T25534Y03	LED,AMB AA1111C
$1	LD942	48T25534Y03	LED,AMB AA1111C
#1	LD943	48T25534Y09	LED,BLUE DB1111C10
$1	LD943	48T25534Y01	LED,GRN BG1111C
#1	LD944	48T25534Y09	LED,BLUE DB1111C10
$1	LD944	48T25534Y01	LED,GRN BG1111C
#1	LD945	48T25534Y09	LED,BLUE DB1111C10
$1	LD945	48T25534Y01	LED,GRN BG1111C
#1	LD946	48T25534Y09	LED,BLUE DB1111C10
$1	LD946	48T25534Y01	LED,GRN BG1111C
	LD947	48T25534Y03	LED,AMB AA1111C
	LD948	48T25534Y03	LED,AMB AA1111C
	LD949	48T25534Y03	LED,AMB AA1111C
	LD958	48T25534Y03	LED,AMB AA1111C
	LD959	48T25534Y03	LED,AMB AA1111C
	LD960	48T25534Y03	LED,AMB AA1111C
	LD961	48T25534Y03	LED,AMB AA1111C
	LD962	48T25534Y03	LED,AMB AA1111C
#1	PL901	65T35324Y06	LAMP,6V-80mA
$1	PL901	65T35324Y02	LAMP,6V-80mA
#1	PL902	65T35324Y06	LAMP,6V-80mA
$1	PL902	65T35324Y02	LAMP,6V-80mA
	Q901	48T63788F01	TR,2SD1328
	Q902	48T63788F01	TR,2SD1328
$1	Q903	48T63788F01	TR,2SD1328

TO CONTENTS

	Q904	48T63788F01	TR,2SD1328
	Q905	48T63788F01	TR,2SD1328
	Q906	48T63788F01	TR,2SD1328
	Q907	48T63788F01	TR,2SD1328
	Q910	48T63788F01	TR,2SD1328
	Q911	48T63788F01	TR,2SD1328
	Q912	48T63788F01	TR,2SD1328
#1	R1020	06E36484S01	RES CARBON 220-1/4
$1	R1020	06E36459S01	RES CARBON 200-1/4
#1	R1026	06E36484S01	RES CARBON 220-1/4
$1	R1026	06E36459S01	RES CARBON 200-1/4
	R1028	06E36463S01	RES CARBON 10K-1/16
	R1029	06E36463S01	RES CARBON 10K-1/16
#1	R1030	06E36483S01	RES CARBON 82-1/4
$1	R1030	06E36457S01	RES CARBON 68-1/4
#1	R1031	06E36484S01	RES CARBON 220-1/4
#1	R1032	06E36488S01	RES CARBON 750-1/4
$1	R1032	06E36456S01	RES CARBON 62-1/4
#1	R1033	06E36485S01	RES CARBON 470-1/4
$1	R1033	06E36459S01	RES CARBON 200-1/4
#1	R1035	06E36464S01	RES CARBON 0-1/16
$1	R1037	06E36464S01	RES CARBON 0-1/16
#1	R1038	06E36464S01	RES CARBON 0-1/16
#1	R1039	06E36464S01	RES CARBON 0-1/16
	R1040	06E36461S01	RES CARBON 510-1/16
	R1041	06E36464S01	RES CARBON 0-1/16
	R1042	06E36464S01	RES CARBON 0-1/16
	R1043	06E36464S01	RES CARBON 0-1/16
	R1044	06E36464S01	RES CARBON 0-1/16
	R902	06E36461S01	RES CARBON 510-1/16
	R903	06E36461S01	RES CARBON 510-1/16
	R904	06E36461S01	RES CARBON 510-1/16
	R905	06E36461S01	RES CARBON 510-1/16
	R906	06E36467S01	RES CARBON 2.2K-1/16
	R907	06E36467S01	RES CARBON 2.2K-1/16
	R908	06E36461S01	RES CARBON 510-1/16
	R909	06E36461S01	RES CARBON 510-1/16
	R910	06E36464S01	RES CARBON 0-1/16
	R911	06E36464S01	RES CARBON 0-1/16
	R912	06E36464S01	RES CARBON 0-1/16
	R913	06E36477S01	RES CARBON 33K-1/16
	R914	06E36476S01	RES CARBON 12K-1/16
	R915	06E36469S01	RES CARBON 5.6K-1/16
	R916	06E36468S01	RES CARBON 3.3K-1/16
	R917	06E36467S01	RES CARBON 2.2K-1/16
	R918	06E36466S01	RES CARBON 1.5K-1/16
	R919	06E36465S01	RES CARBON 1.2K-1/16
	R920	06E36477S01	RES CARBON 33K-1/16
	R921	06E36476S01	RES CARBON 12K-1/16
	R922	06E36469S01	RES CARBON 5.6K-1/16
	R923	06E36468S01	RES CARBON 3.3K-1/16
	R924	06E36467S01	RES CARBON 2.2K-1/16
	R925	06E36466S01	RES CARBON 1.5K-1/16
	R926	06E36465S01	RES CARBON 1.2K-1/16
	R927	06E36477S01	RES CARBON 33K-1/16
	R928	06E36476S01	RES CARBON 12K-1/16
	R929	06E36469S01	RES CARBON 5.6K-1/16

TO CONTENTS

	R930	06E36468S01	RES CARBON 3.3K-1/16
	R931	06E36467S01	RES CARBON 2.2K-1/16
	R932	06E36466S01	RES CARBON 1.5K-1/16
	R933	06E36465S01	RES CARBON 1.2K-1/16
#1	R934	06E36484S01	RES CARBON 220-1/4
#1	R935	06E36484S01	RES CARBON 220-1/4
#1	R936	06E36484S01	RES CARBON 220-1/4
	R937	06E36456S01	RES CARBON 62-1/4
	R938	06E36456S01	RES CARBON 62-1/4
	R939	06E36460S01	RES CARBON 330-1/4
	R940	06E36463S01	RES CARBON 10K-1/16
#1	R941	06E36483S01	RES CARBON 82-1/4
$1	R941	06E36457S01	RES CARBON 68-1/4
#1	R942	06E36483S01	RES CARBON 82-1/4
$1	R942	06E36457S01	RES CARBON 68-1/4
	R943	06E36463S01	RES CARBON 10K-1/16
$1	R944	06E36458S01	RES CARBON 91-1/4
$1	R945	06E36458S01	RES CARBON 91-1/4
#1	R946	06E36486S01	RES CARBON 100-1/4
$1	R946	06E36458S01	RES CARBON 91-1/4
$1	R947	06E36458S01	RES CARBON 91-1/4
$1	R948	06E36458S01	RES CARBON 91-1/4
$1	R949	06E36458S01	RES CARBON 91-1/4
$1	R950	06E36463S01	RES CARBON 10K-1/16
	R956	06E36463S01	RES CARBON 10K-1/16
	R957	06E36463S01	RES CARBON 10K-1/16
	R958	06E36463S01	RES CARBON 10K-1/16
	R959	06E36463S01	RES CARBON 10K-1/16
#1	R966	06E36484S01	RES CARBON 220-1/4
$1	R966	06E36459S01	RES CARBON 200-1/4
	R968	06E36460S01	RES CARBON 330-1/4
	R969	06E36463S01	RES CARBON 10K-1/16
	R970	06E36463S01	RES CARBON 10K-1/16
	R971	06E36463S01	RES CARBON 10K-1/16
	R972	06E36463S01	RES CARBON 10K-1/16
	R973	06E36463S01	RES CARBON 10K-1/16
	R974	06E36463S01	RES CARBON 10K-1/16
	R975	06E36463S01	RES CARBON 10K-1/16
	R977	06E36463S01	RES CARBON 10K-1/16
	R978	06E36463S01	RES CARBON 10K-1/16
	R979	06E36463S01	RES CARBON 10K-1/16
	R980	06E36463S01	RES CARBON 10K-1/16
#1	R982	06E36487S01	RES CARBON 120-1/4
$1	R982	06E36475S01	RES CARBON 56-1/4
#1	R983	06E36487S01	RES CARBON 120-1/4
$1	R983	06E36475S01	RES CARBON 56-1/4
	R984	06E36463S01	RES CARBON 10K-1/16
	R985	06E36463S01	RES CARBON 10K-1/16
#1	R986	06E36487S01	RES CARBON 120-1/4
$1	R986	06E36475S01	RES CARBON 56-1/4
#1	R987	06E36487S01	RES CARBON 120-1/4
$1	R987	06E36475S01	RES CARBON 56-1/4
	R988	06E36462S01	RES CARBON 4.7K-1/16
	R989	06E36462S01	RES CARBON 4.7K-1/16
	R990	06E36460S01	RES CARBON 330-1/4
	R991	06E36460S01	RES CARBON 330-1/4
	R992	06E36460S01	RES CARBON 330-1/4

#1	R994	06E36484S01	RES CARBON 220-1/4
$1	R994	06E36459S01	RES CARBON 200-1/4
	SW901	40T55656W06	SW TACT SKQMAJ001(DEFEAT)
	SW902	40T55656W06	SW TACT SKQMAJ001(AUTO TCR)
	SW903	40T55656W06	SW TACT SKQMAJ001(TCR/PHASE)
	SW904	40T55656W06	SW TACT SKQMAJ001(3)
	SW905	40T55656W06	SW TACT SKQMAJ001(5)
	SW906	40T55656W06	SW TACT SKQMAJ001(DOLBY/PL2)
	SW907	40T55656W06	SW TACT SKQMAJ001(MX)
	SW908	40T55656W06	SW TACT SKQMAJ001(P.EQ)
	SW909	40T55656W06	SW TACT SKQMAJ001(G.EQ)
	SW910	40T55656W06	SW TACT SKQMAJ001(X-OVER)
	SW911	40T55656W06	SW TACT SKQMAJ001(ENTER)
	SW912	40T55656W06	SW TACT SKQMAJ001(B.C.)
	SW913	40T55656W06	SW TACT SKQMAJ001(1)
	SW914	40T55656W06	SW TACT SKQMAJ001(CHANNEL)
	SW915	40T55656W06	SW TACT SKQMAJ001(SET UP)
	SW916	40T55656W06	SW TACT SKQMAJ001(2)
	SW917	40T55656W06	SW TACT SKQMAJ001(4)
	SW918	40T55656W06	SW TACT SKQMAJ001(6)
	SW919	40T55656W06	SW TACT SKQMAJ001(DISP)

=======Miscellaneous

JACK301	01E36478S01	ASSY CABLE 13P (300mm) (To PROCESSOR UNIT)
LCD1	65T65005Y01	LCD,NTD-21358H
VOL901	40T45624Y04	ENC, EC11E152U (ROTARY ENCODER/PUSH-CONTROL (X-OVER/G.EQ/P.EQ/TCR/PHASE/SETUP))

TO CONTENTS

Cabinet Assembly Parts List (Only Difference)

<North American Model Only>

NOTE : For the parts not mentioned, refer to the Service Manual for PXA-H700 (Part No. 68E35821S01).

Model	PXA-H700			RUX-C701		
Symbol No.	Index	Part No.	Description	Index	Part No.	Description
201		01E34569S01	ASS'Y NOSE UNIT		01E36481S01	ASS'Y NOSE UNIT
202		13E34607S01	ASS'Y NOSE PIECE		13E36482S01	ASS'Y NOSE PIECE
203		13E34601S01	NOSE BOTTOM(MAIN)		13E36453S01	NOSE BOTTOM(MAIN)
204		13E34602S01	NOSE,BOTTOM(SUB)		13E36454S01	NOSE,BOTTOM(SUB)
213		26A41974Y01	REFLECTOR,SHEET		26E35861Y01	REFLECTOR,SHEET

Cabinet Assembly Parts List (Only Difference)

<General Foreign Model Only>

NOTE : For the parts not mentioned, refer to the Service Manual for PXA-H700 (Part No. 68E35821S01).

Model	PXA-H700			RUX-C701		
Symbol No.	Index	Part No.	Description	Index	Part No.	Description
201		01E34673S01	ASS'Y NOSE UNIT		01E36452S01	ASS'Y NOSE UNIT
202		13E34607S01	ASS'Y NOSE PIECE		13E36455S01	ASS'Y NOSE PIECE
203		13E34601S01	NOSE BOTTOM(MAIN)		13E36453S01	NOSE BOTTOM(MAIN)
204		13E34602S01	NOSE,BOTTOM(SUB)		13E36454S01	NOSE,BOTTOM(SUB)
213		26A41974Y01	REFLECTOR,SHEET		26E35861Y01	REFLECTOR,SHEET

TO CONTENTS

ALPI-00759

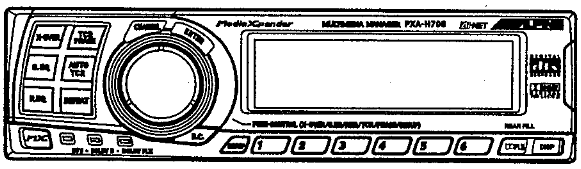
ALPINE

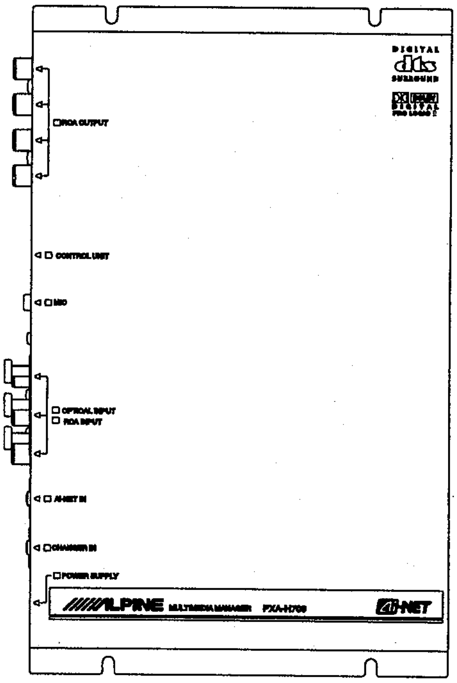
SERVICE MANUAL

MULTIMEDIA MANAGER ™

DOLBY DIGITAL PRO LOGIC II DIGITAL dts SURROUND Ai-NET

●The model is component system unit of PROCESSOR UNIT and COMMANDER UNIT.
当モデルは、PROCESSOR UNITとCOMMANDER UNITとのコンポーネント・システム製品です。


MediaXpander
MULTIMEDIA MANAGER PXA-H700
Ai-NET
X-OVER
AUTO TCR
DEFEAT
ENTER
REAR FILL
1
2
3
4
5
6
DISP


RCA OUTPUT
CONTROL UNIT
MIC
OPTICAL INPUT
RCA INPUT
Ai-NET IN
CHANGER IN
POWER SUPPLY
ALPINE MULTIMEDIA MANAGER PXA-H700
Ai-NET

PXA-H700

<Cautions for Safe Repair Work>

The following cautions will prevent accidents in the workplace and will ensure safe products.

- The symbols indicate caution is needed to prevent injuries and damage to property.
  The symbols and their meanings follow.

⚠	**Warning**	If you ignore this symbol and handle the product incorrectly or unsafely, serious injury or death may result.
⚠	**Caution**	If you ignore this symbol and handle the product incorrectly or unsafely, injury or only material damage may result.

- The following symbols indicate two levels of cautions.

⚠	When you see this symbol, you have to be very careful.
❗	When you see this symbol, you have to follow the instructions there.

⚠ Warning

⚠	**Do not look squarely into the laser light coming from the pickup.** You may loose you sight.	❗	**Fuse Caution** Always use a designated fuse. Use of an incorrect fuse may result in a fire.

⚠ Caution

⚠	**Do not allow wiring to be caught in the screw/chassis.** If wiring is caught in the screw/chassis, it may cause a short circuit, resulting in a fire.	❗	**Battery Caution** Use the designated battery. Confirm the correct polarity and seat of the battery. An incorrect battery or an improperly connected or seated battery may result in a fire.
⚠	**High Temperature Caution** Touching the heat sink may cause severe burns.	❗	**Designated Parts Caution** Look up the part list and ensure that only designated parts are used to prevent problems or accidents.
⚠	**Reverse Power Supply Connections or Misconnections Caution** Reverse power supply connections or misconnections may cause ignition problems and smoke may result.	❗	**Wiring Caution** Ensure that the wiring is correct when rewiring to prevent problems with ignition/breakdown.
⚠	**Soldering Caution** Hot solder from solder splash may cause severe burns.	❗	**Wear Gloves** Wear gloves to prevent electrical shocks or injury from the end face of the metal.

＜修理作業安全上の注意＞

作業時の事故防止及び製品の安全確保のために、必ずお守りいただくことを説明致します。

●あなたや他の人々への危害や財産への損害を未然に防ぐために、絵表示をしています。
その表示と意味は次のようになっています。

⚠ **警告**	この表示を無視して、誤った取り扱いをすると、人が死亡または重傷を負う可能性が想定される内容を示しています。
⚠ **注意**	この表示を無視して、誤った取り扱いをすると、人が傷害を負う危険が想定される内容及び物的損害のみの発生が想定される内容を示しています。

●内容の種類により、次の表示で区分し、説明しています。

⚠	この表示は、気を付けていただく内容です。
❗	この表示は、必ず実行していただく内容です。

⚠警告

⚠ **ピックアップのレーザー光を直視しない。** レーザー光を直視すると、失明する恐れがあります。	❗ **定められたヒューズを使用する。** 火災や故障の原因となるので、必ず指定されたヒューズを使用する。

⚠注意

⚠ **配線は挟み込まない。** ねじやシャーシに挟み込むとショートし、火災の原因になることがあります。	❗ **電池は正しく使う。** 指定の電池を使用して下さい。 極性を確認して入れる。間違って入れると故障や火災の原因になることがあります。
⚠ **高温注意。** ヒートシンクに触るとやけどの原因になることがあります。	❗ **部品は指定のものを使用する。** 部品表に記載してある部品を使用する。 故障の原因になることがあります。
⚠ **電源の逆/誤接続をしない。** 発煙・発火や故障の原因になります。	❗ **配線はもとどおりにする。** 違った引回しにより、故障・発火などの原因になります。
⚠ **半田付け時に注意。** 半田付けする時には、飛び散りによりやけどなどの原因になることがあります。	❗ **修理時には手袋を着用する。** 金属端面によるけがや、感電を防止するため必ず手袋を着用してください。

Contents

Packing Assembly Parts List 5
Packing Method View 5
Specifications 6
Block Diagram 7

- PROCESSOR UNIT -

Parts Layout on P.W.Boards and Wiaring Diagram .... 9~16
Schematic Diagram .... 17~22
Terminal Voltage of IC/TR .... 23~27
Description of IC Terminal .... 28~31
Electrical Parts List .... 32~41
Cabinet Assembly Parts List 42
Exploded View(Cabinet) (PROCESSOR UNIT) 43, 44

- COMMANDER UNIT -

Parts Layout on P.W.Board and Wiaring Diagram .... 46~49
Schematic Diagram .... 50~53
Terminal Voltage of IC/TR 54
Electrical Parts List .... 55~60
Cabinet Assembly Parts List 61
Exploded View (Cabinet) (COMMANDER UNIT) 62

NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.

注記：規格および外観は、改良の為、予告なく変更することがあります。

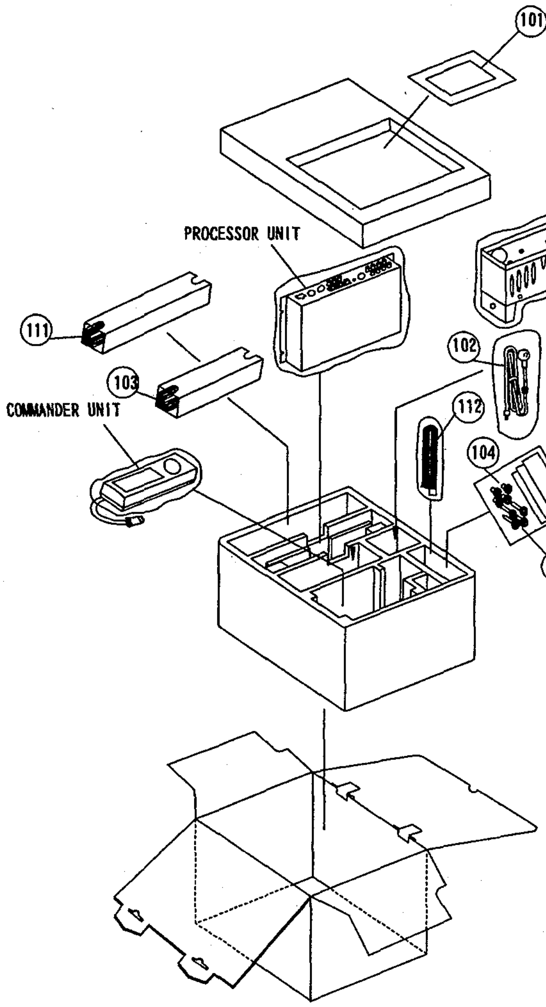
Packing Assembly Parts List

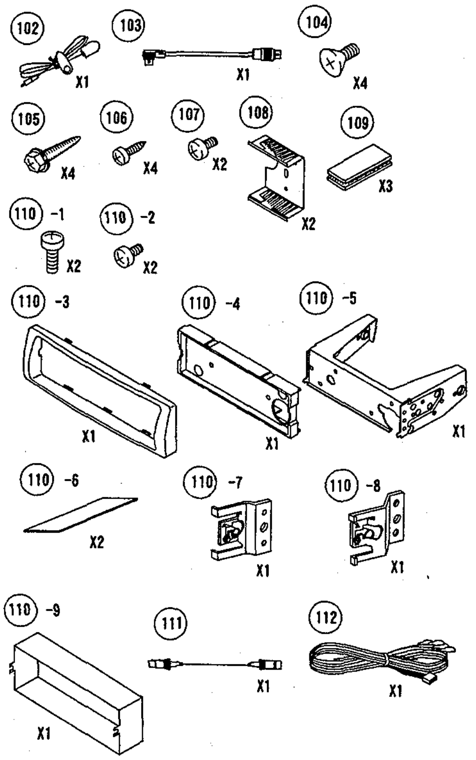
Symbol No.	Part No.	Description
○ 101	68P02294K33	OWNER'S MANUAL (GK)
● 101	68P02294K31	OWNER'S MANUAL (JK)
102	01T35715Y02	A-TCR MIC UNIT 5M
103	01T55561W37	DIN WIRE ASS'Y
104	03E10240S02	SCR, MCH M5X8 (F) BLK
105	03E11447S01	SCR M4X14 TPG1, BLK
106	03E31996S01	SCR M2. 6X8 (B) TPG (1?) MFSn (WHT)
107	03E32133S01	SCR M3X5 (B) MCH (BLK)
108	07E31999S01	BKT SPRING
109	75E26094S01	PAD, MAGIC TAPE
110-1	03E09416S05	SCR M2. 6X6 (P) MCH-TPT (YEL)

Symbol No.	Part No.	Description
110-2	03E32133S01	SCR M3X5 (B) MCH (BLK)
110-3	64E31834S01	FACE, PLATE
110-4	43E32141S01	SPACER ESC
110-5	07E31998S01	BKT MAIN
110-6	75E34619S01	CUSION, BKT
110-7	07E31830S01	BKT, SIDE (L) ASS'Y
110-8	07E31831S01	BKT, SIDE (R) ASS'Y
110-9	15E21170S01	CASE, INNER
111	01E34617S01	ASS'Y DIN CABLE 13P (6M)
112	01E34618S01	ASS'Y KIT WIRE 6P5557-06

NOTE : ○ : For General Foreign Model Only, ● : For Japanese Model Only, Others : Common.

Packing Method View


101
110
PROCESSOR UNIT
111
103
COMMANDER UNIT
107
102
106
112
108
104
109
105


102
X1
103
X1
104
X4
105
X4
106
X4
107
X2
108
X2
109
X3
110 -1
X2
110 -2
X2
110 -3
X1
110 -4
X1
110 -5
X1
110 -6
X2
110 -7
X1
110 -8
X1
110 -9
X1
111
X1
112
X1

Specifications

T.H.D.

(DIGITAL IN MODE, ... FRONT1, FRONT2, REAR, CENTER(1kHz) : 0.1%
Input:Digital-1 at Volume Max. (35Step:3.8~4.2V Output), SUBWOOFER(17Hz) : 0.2%
Front-1:Full range, x-over OFF, Test Disc:TCD-782 (Track No. 2 and 3))
(ANALOG IN MODE, ... RCA IN(at 1kHz 2.0V Input) : 0.1%
Output Channel:Front-2 at Volume Max. Ai-NET & CHG IN(at 1kHz 0.85V Input) : 0.1%
(35Step:3.2~3.8V Output))

Output Level

(DIGITAL IN MODE, ... FRONT1, FRONT2, REAR, CENTER(1kHz) : 4.0V±3dB
Input:Digital-1 at Volume Max., SUBWOOFER(17Hz) : 4.0V±3dB
Front-1:Full range, x-over OFF, Test Disc:TCD-782 (Track No. 2 and 3))
(ANALOG IN MODE, ... RCA IN(at 1kHz 2.0V Input) : 3.6V±3dB
Output Channel:Front-2 at Volume Max. Ai-NET & CHG IN(at 1kHz 0.85V Input) : 3.4V±3dB
(NAVI MIX MODE(NAVI MIX ON, NAVI Level 15Step) .... FRONT1, FRONT2 : 480mV±3dB
Output Channel:Front-1, 2 at Volume Max.
Front-1:Full range, x-over OFF)

Residual Noise

(DIGITAL IN MODE, ... FRONT1, FRONT2, REAR, CENTER, SUBWOOFER : 250μV
Input:Digital-1 at Volume Max., Test Disc:TCD-782 (Track No.8),
Front-1:Full range, x-over OFF)
(ANALOG IN MODE, ... RCA IN, Ai-NET IN, CHG IN : 250μV
Output Channel:Front-2 at Volume Max., Input Shorted)

Frequency Response

(Input :RCA Input, Volume : Max., ... FRONT1, FRONT2, REAR, CENTER(20Hz) : 0±3dB
Ref. 1,000Hz, Front-1:Full range, x-over OFF) FRONT1, FRONT2, REAR, CENTER(20kHz) : 0±3dB
(Input :RCA Input, Volume : Max., ... SUBWOOFER(17Hz) : 0±3dB
Ref. 30Hz/0dB, Front-1:Full range, x-over OFF)

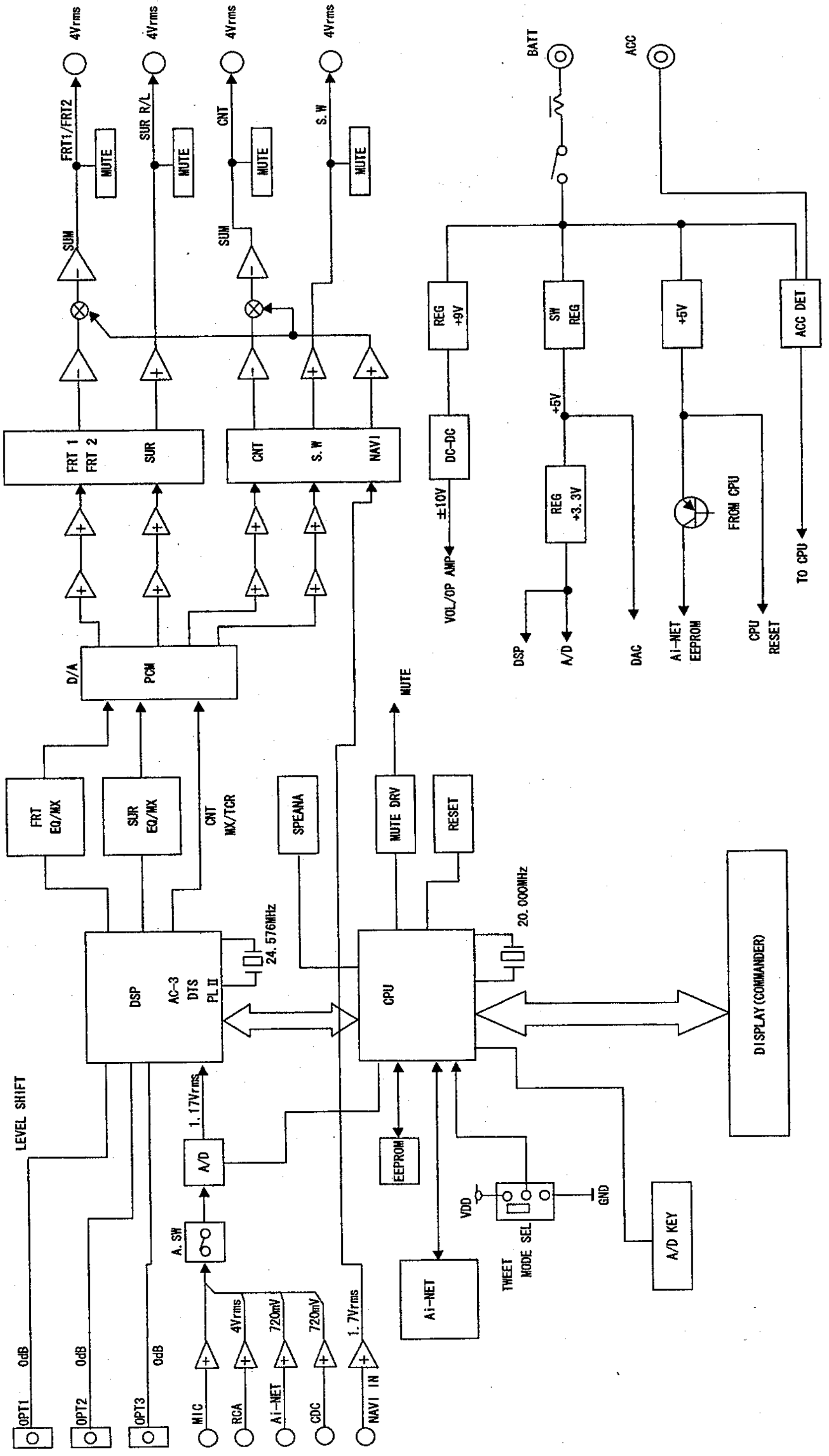
Channel Separation

(Input :RCA Input, Volume : Max., Input Shorted .... FRONT1, FRONT2, REAR : 60dB
Front-1:Full range, x-over OFF)

Current Drain (at No Signal) 1.5A
Back-up Current Drain (Remoe OFF) .... less than 5mA
Power Source .... DC14.4V(11~16V)
Dimensions (W×H×D) .... PROCESSOR UNIT : 160×40×46mm
COMMANDER UNIT(Push ON) : 170×46×30mm
(Push OFF) : 170×46×36mm
Weight .... PROCESSOR UNIT : 1.1kg
COMMANDER UNIT : 159g

NOTE : Due to Continuing product improvement, specifications and designs are subject to change without notice.
注記：規格および外観は、改良の為、予告なく変更することがあります。

Block Diagram


4Vrms
4Vrms
4Vrms
4Vrms
FRT1/FRT2
SUR R/L
CNT
S.W
MUTE
MUTE
MUTE
MUTE
SUM
SUM
ELE. VR
FRT 1
FRT 2
SUR
CNT
S.W
NAVI
D/A
PCM
FRT EQ/MX
SUR EQ/MX
CNT MX/TCR
SPEANA
MUTE DRV
RESET
MUTE
DSP
AC-3
DTS
PL II
24.576MHz
CPU
20.000MHz
DISPLAY(COMMANDER)
LEVEL SHIFT
1.17Vrms
A/D
A.SW
EEPROM
Ai-NET
VDD
GND
TWEET MODE SEL
A/D KEY
OPT1
OPT2
OPT3
0dB
0dB
0dB
MIC
RCA
Ai-NET
CDC
NAVI IN
4Vrms
720mV
720mV
1.7Vrms
BATT
ACC
REG +9V
SW REG
+5V
ACC DET
DC-DC
±10V
VOL/OP AMP
+5V
REG +3.3V
FROM CPU
TO CPU
DSP
A/D
DAC
Ai-NET EEPROM
CPU RESET

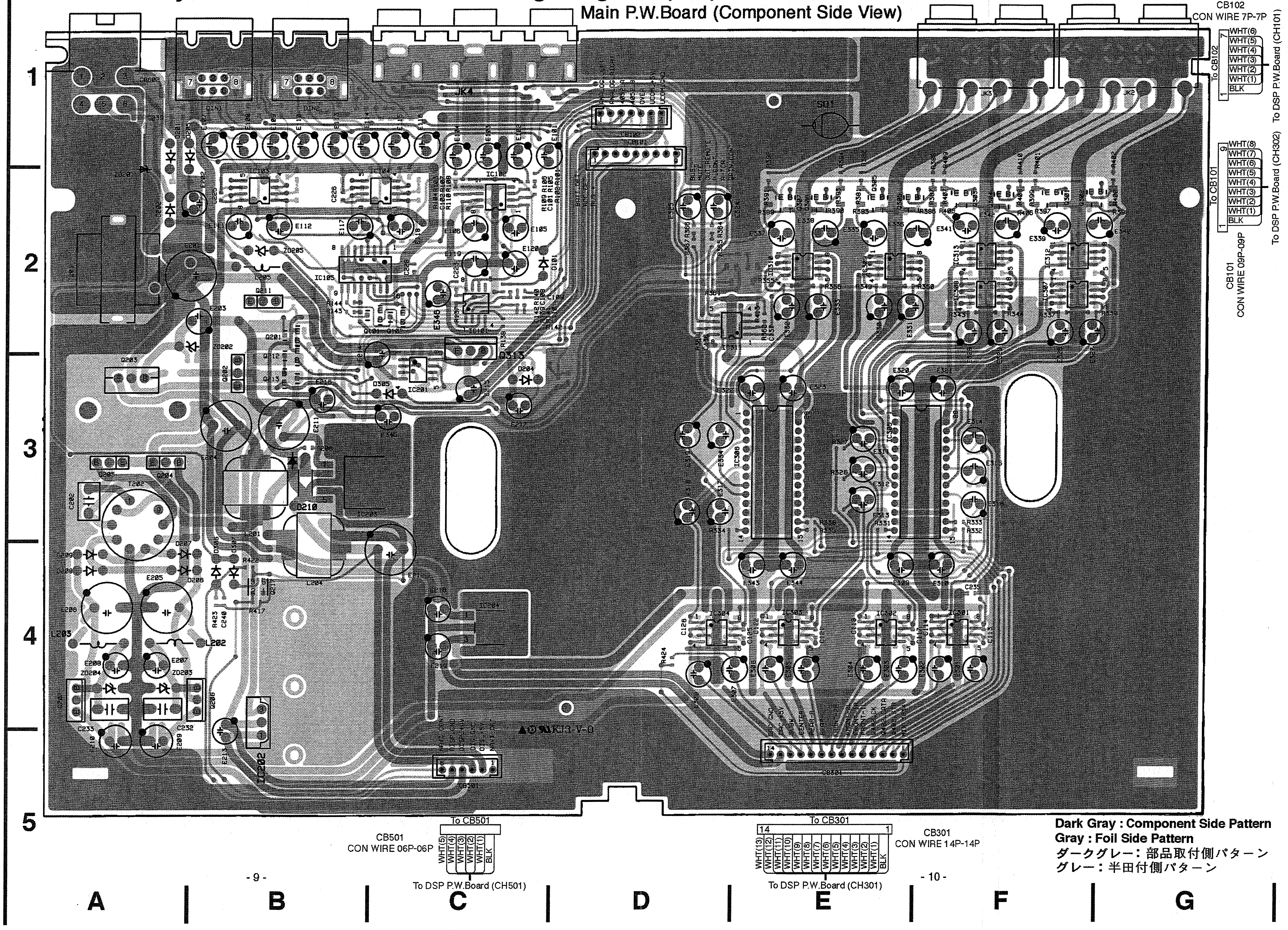
- PROCESSOR UNIT -

Parts Layout on P.W.Boards and Wiaring Diagram .... 9~16
Schematic Diagram .... 17~22
Terminal Voltage of IC/TR .... 23~27
Description of IC Terminal .... 28~31
Electrical Parts List .... 32~41
Cabinet Assembly Parts List 42
Exploded View(Cabinet) (PROCESSOR UNIT) 43, 44

NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.
注記：規格および外観は、改良の為、予告なく変更することがあります。

Parts Layout on P.W.Boards and Wiring Diagram (1/4)

Main P.W.Board (Component Side View)

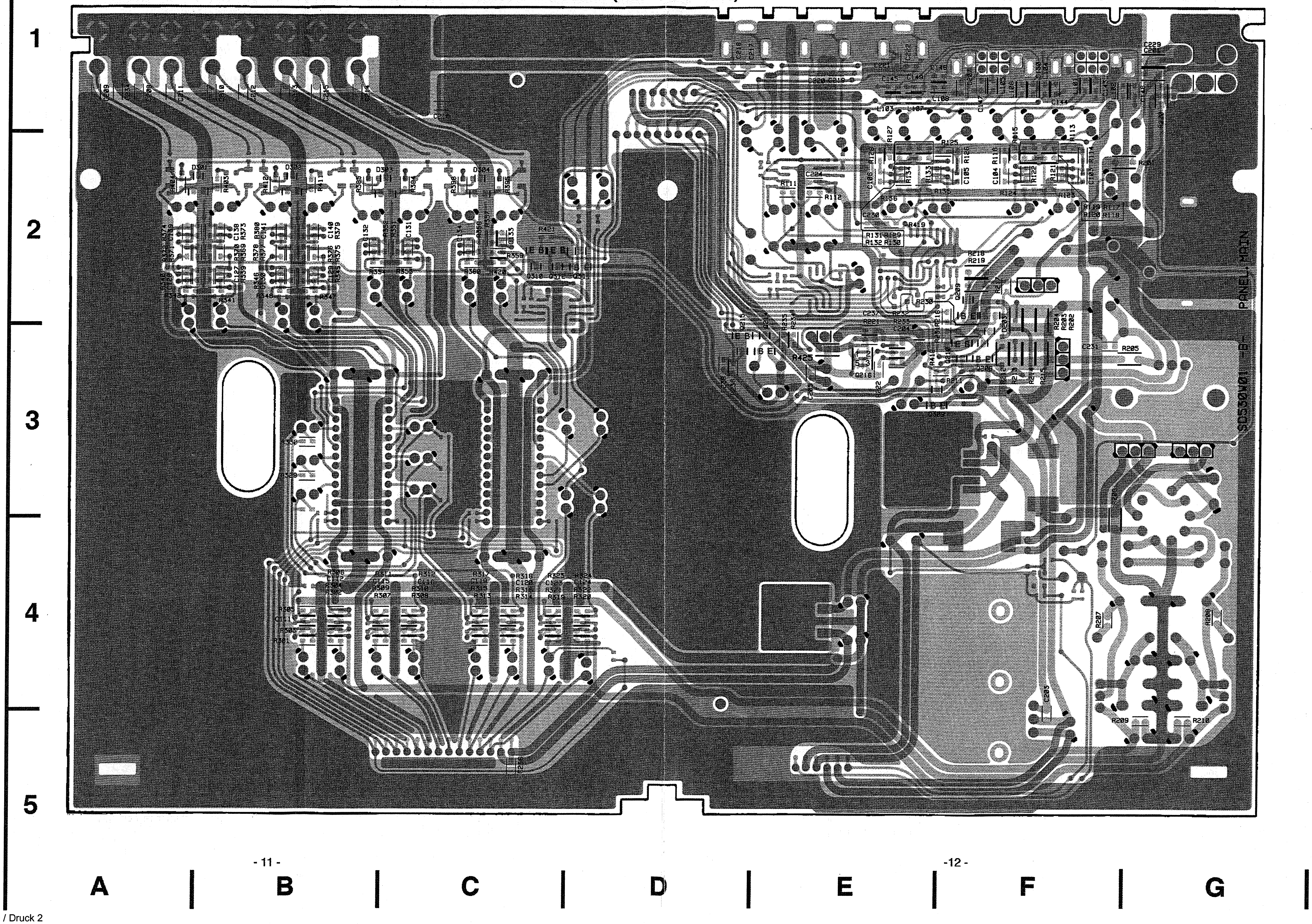

CB102
CON WIRE 7P-7P
WHT(6)
WHT(5)
WHT(4)
WHT(3)
WHT(2)
WHT(1)
BLK
To CB102
To DSP P.W.Board (CH101)
WHT(8)
WHT(7)
WHT(6)
WHT(5)
WHT(4)
WHT(3)
WHT(2)
WHT(1)
BLK
To CB101
To DSP P.W.Board (CH302)
CB101
CON WIRE 09P-09P
To CB501
CB501
CON WIRE 06P-06P
WHT(5)
WHT(4)
WHT(3)
WHT(2)
WHT(1)
BLK
To DSP P.W.Board (CH501)
To CB301
14
1
CB301
CON WIRE 14P-14P
WHT(13)
WHT(12)
WHT(11)
WHT(10)
WHT(9)
WHT(8)
WHT(7)
WHT(6)
WHT(5)
WHT(4)
WHT(3)
WHT(2)
WHT(1)
BLK
To DSP P.W.Board (CH301)
JK4
JK3
JK2
DIN1
DIN2
S01
IC101
IC102
IC103
IC104
IC105
IC201
IC301
IC302
IC303
IC304
IC306
IC307
IC308
IC309
IC310
IC312
IC313
Q210
Q313
T202
L201
L202
L203
L204
CB102
CB301
CB501
1
2
3
4
5
A
B
C
D
E
F
G

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern
ダークグレー：部品取付側パターン
グレー：半田付側パターン

Parts Layout on P.W.Boards and Wiring Diagram (2/4)

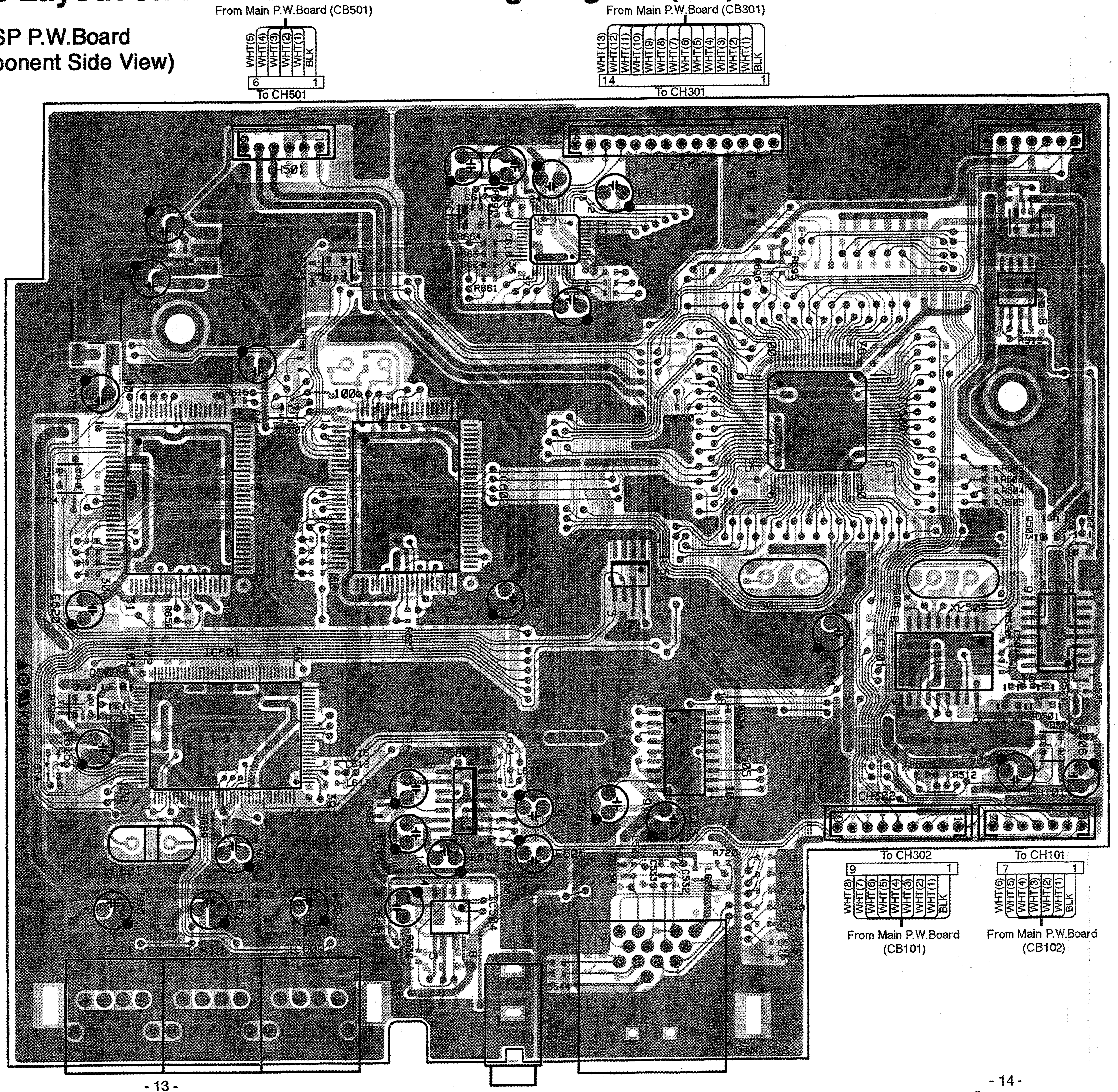
Main P.W.Board (Foil Side View)

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern
ダークグレー：部品取付側パターン
グレー：半田付側パターン


1
2
3
4
5
A
B
C
D
E
F
G
PANEL.MAIN
SD530W01 -B-
D301
D302
D303
D304
R425
R205
R207
R208
R209
R210
C203
C231

Parts Layout on P.W.Boards and Wiring Diagram (3/4)

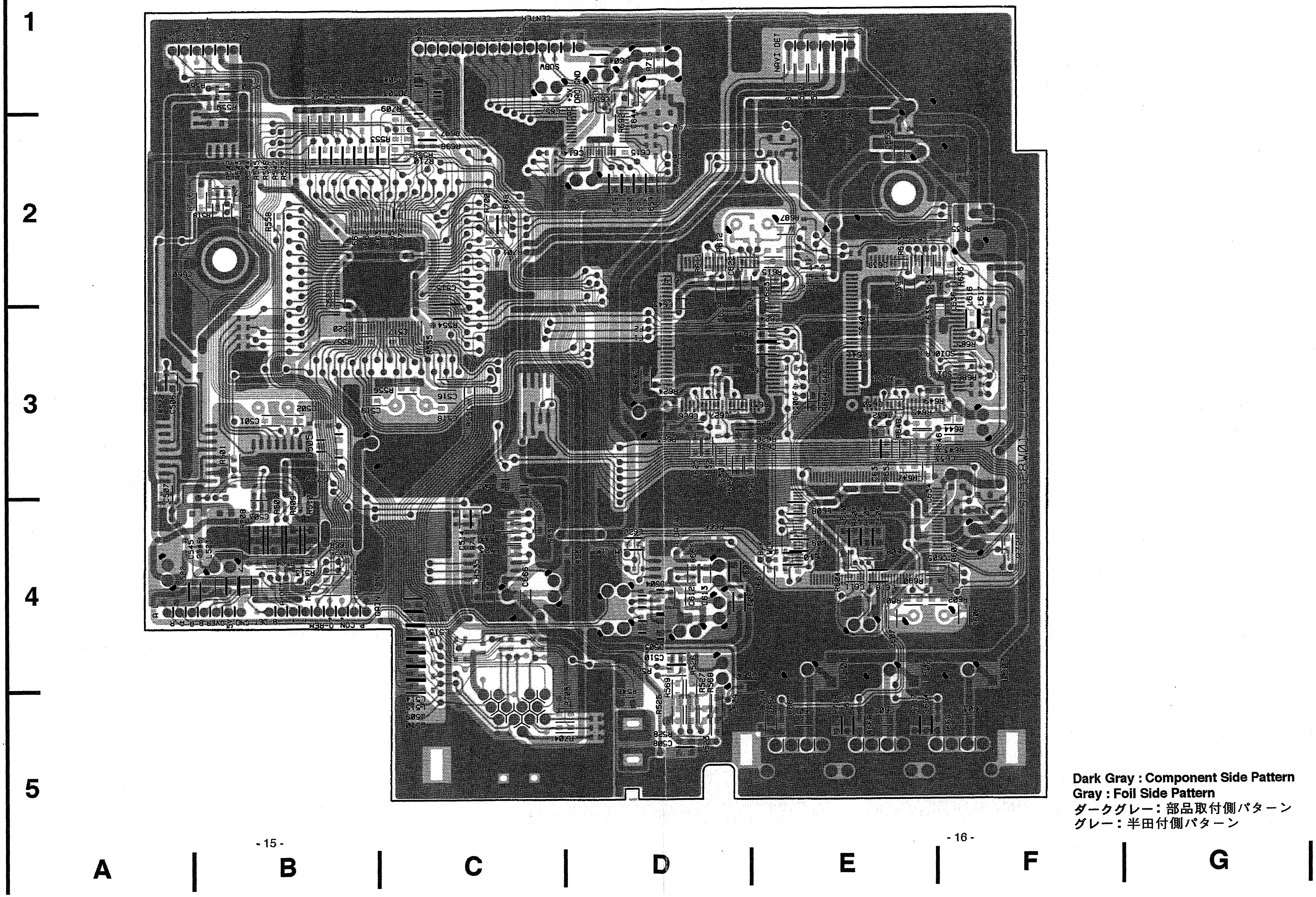
DSP P.W.Board
(Component Side View)


From Main P.W.Board (CB501)
WHT(5)
WHT(4)
WHT(3)
WHT(2)
WHT(1)
BLK
6
1
To CH501
From Main P.W.Board (CB301)
WHT(13)
WHT(12)
WHT(11)
WHT(10)
WHT(9)
WHT(8)
WHT(7)
WHT(6)
WHT(5)
WHT(4)
WHT(3)
WHT(2)
WHT(1)
BLK
14
1
To CH301
CH501
CH301
CH502
IC606
IC601
IC605
IC506
IC502
IC505
IC504
XL501
XL503
IC611
IC610
IC609
CH302
CH101
To CH302
9
1
WHT(8)
WHT(7)
WHT(6)
WHT(5)
WHT(4)
WHT(3)
WHT(2)
WHT(1)
BLK
From Main P.W.Board
(CB101)
To CH101
7
1
WHT(6)
WHT(5)
WHT(4)
WHT(3)
WHT(2)
WHT(1)
BLK
From Main P.W.Board
(CB102)
1
2
3
4
5
A
B
C
D
E
F
G

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern
ダークグレー：部品取付側パターン
グレー：半田付側パターン

Parts Layout on P.W.Boards and Wiring Diagram (4/4)

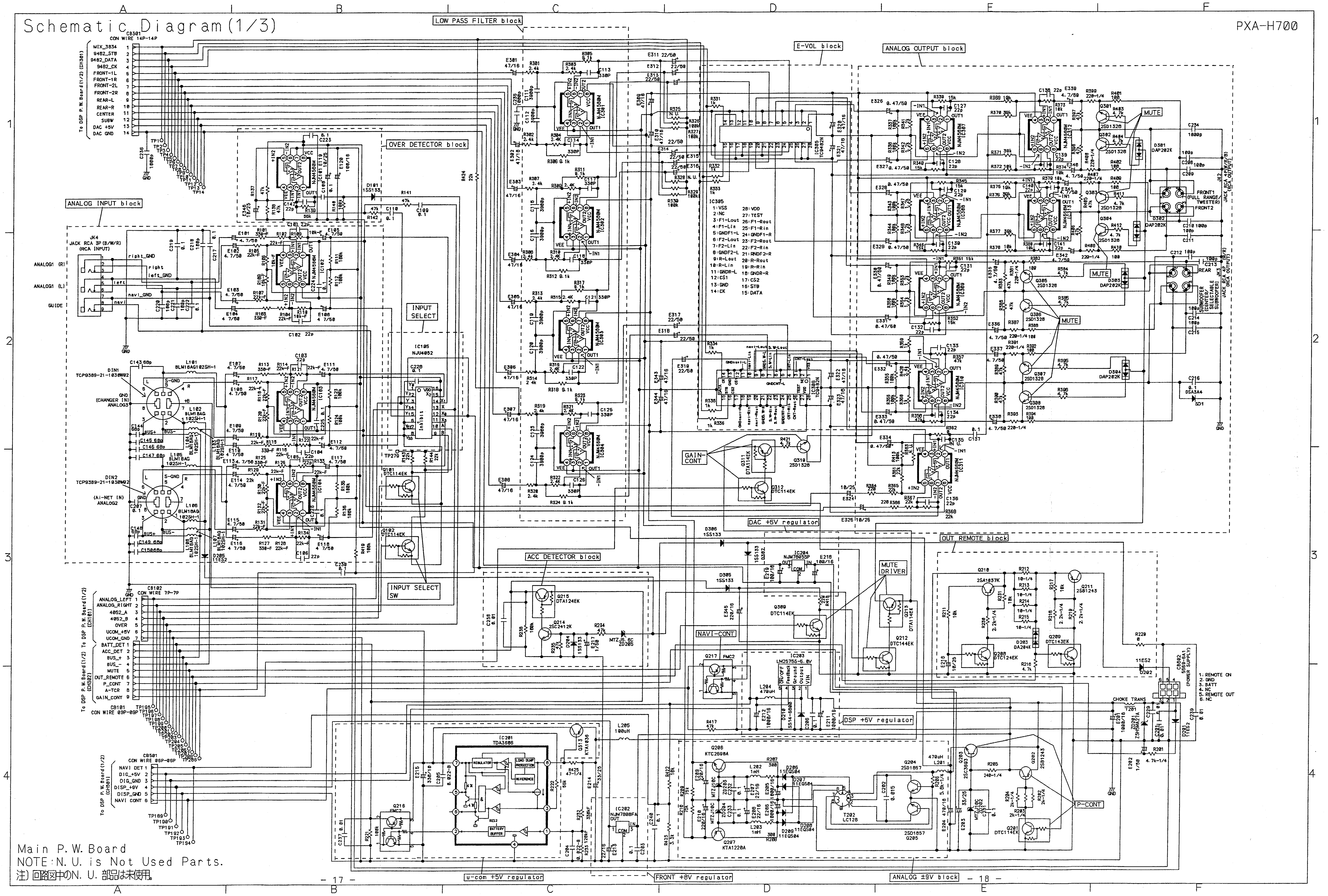
DSP P.W.Board (Foil Side View)


1
2
3
4
5
A
B
C
D
E
F
G
CENTER
SUBW
NAVI DET

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern
ダークグレー：部品取付側パターン
グレー：半田付側パターン

Schematic Diagram (1/3)

PXA-H700


A
B
C
D
E
F
1
2
3
4
CB301 CON WIRE 14P-14P
To DSP P.W. Board(1/2) (CN301)
MIX_3834
9482_STB
9482_DATA
9482_CK
FRONT-1L
FRONT-1R
FRONT-2L
FRONT-2R
REAR-L
REAR-R
CENTER
SUBW
DAC +5V
DAC GND
LOW PASS FILTER block
E-VOL block
ANALOG OUTPUT block
OVER DETECTOR block
ANALOG INPUT block
JK4 JACK RCA 3P(B/W/R) (RCA INPUT)
ANALOG1 (R)
ANALOG1 (L)
GUIDE
INPUT SELECT
IC105 NJU4052
DIN1 TCP9389-21-1030W02
(CHANGER IN) ANALOG3
DIN2 TCP9389-21-1030W02
(Ai-NET IN) ANALOG2
MUTE
FRONT1 (FULL RANGE/ TWEETER) FRONT2
REAR
SUBWOOFER CENTER SELECTABLE
JACK RCA 4P(W/R/B) (RCA OUTPUT)
GAIN-CONT
DAC +5V regulator
OUT REMOTE block
ACC DETECTOR block
MUTE DRIVER
NAVI-CONT
DSP +5V regulator
INPUT SELECT SW
CB102 CON WIRE 7P-7P
To DSP P.W. Board(1/2) (CN101)
ANALOG_LEFT
ANALOG_RIGHT
4052_A
4052_B
OVER
UCOM_+5V
UCOM_GND
To DSP P.W. Board(1/2) (CN302)
BATT_DET
ACC_DET
BUS_+
BUS_-
MUTE
OUT_REMOCE
P_CONT
A-TCR
GAIN_CONT
CB101 CON WIRE 09P-09P
CB501 CON WIRE 06P-06P
To DSP P.W. Board(1/2) (CN501)
NAVI DET
DIG_+5V
DIG_GND
DISP_+9V
DISP_GND
NAVI CONT
IC201 TDA3686
IC203 LM2575S-5.0V
IC204 NJM7805SP
IC202 NJM7808FA
CB602 (POWER SUPPLY)
1. REMOTE ON
2. GND
3. BATT
4. NC
5. REMOTE OUT
6. NC
CHOKE TRANS
P-CONT
u-com +5V regulator
FRONT +8V regulator
ANALOG ±9V block

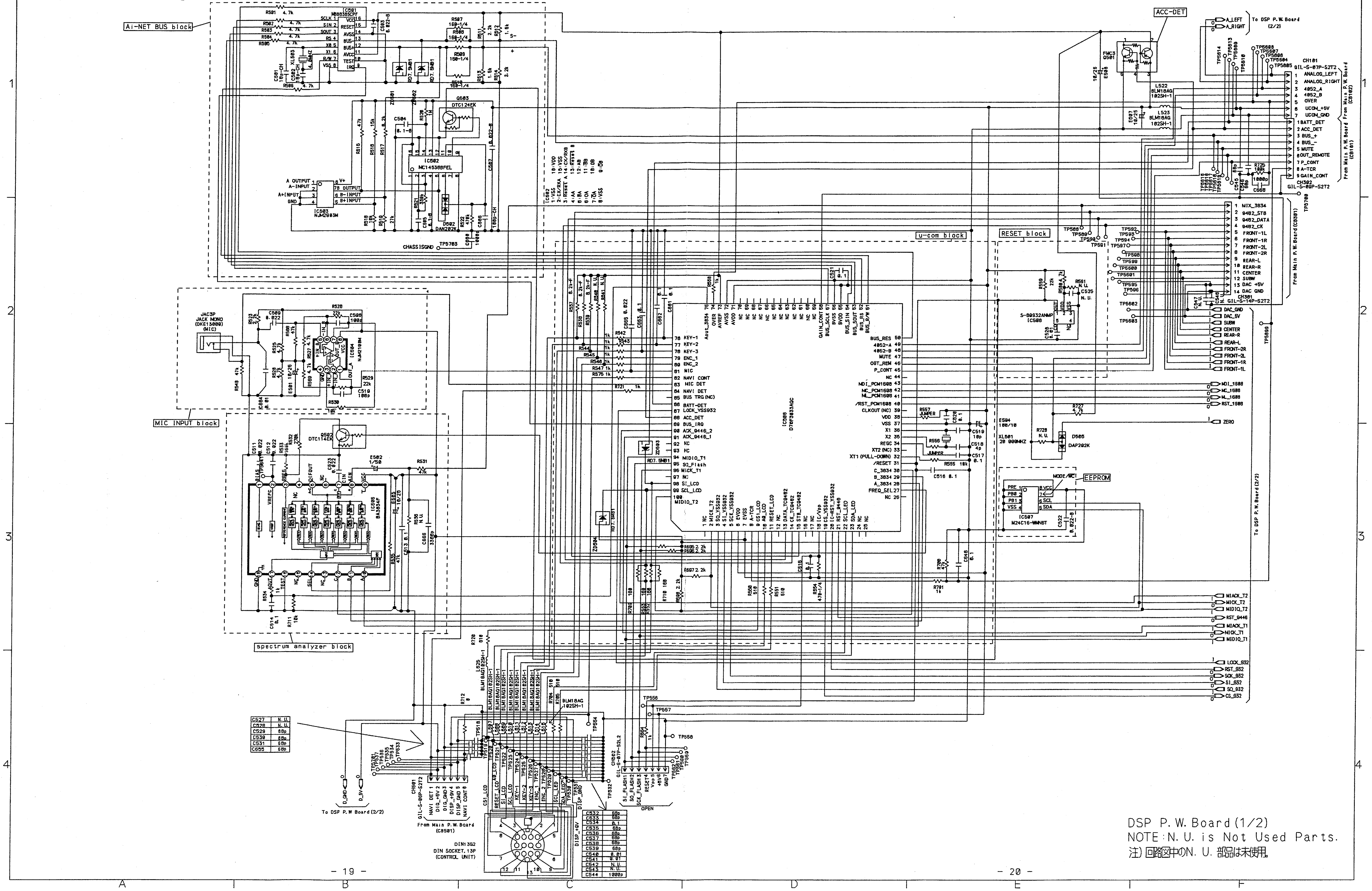
Main P. W. Board

NOTE: N.U. is Not Used Parts.

注）回路図中のN. U. 部品は未使用。

PXA-H700

Schematic Diagram (2/3)


Ai-NET BUS block
IC501 M88385CP
IC502 MC14538BFEL
IC503 NJM2903M
Q503 DTC124EK
D502 DAN202K
CHASSISGND TP5703
MIC INPUT block
JAC3P JACK MONO (DKE13000) (MIC)
IC504 NJM2100M
spectrum analyzer block
Q502 DTC114EK
IC505 BA3834F
u-com block
IC506 D78P3033AGC
RESET block
IC508 S-80932ANMP
XL501 20.000MHZ
D505 DAP202K
EEPROM
IC507 M24C16-WMN6T
ACC-DET
Q501 FMC3
L522 BLM18AG102SH-1
L523 BLM18AG102SH-1
CH101 GIL-S-07P-S2T2
From Main P.W.Board (CB101)
CH302 GIL-S-09P-S2T2
CH301 GIL-S-14P-S2T2
From Main P.W.Board (CB501)
To DSP P.W.Board (2/2)
CH601 GIL-S-08P-S2T2
From Main P.W.Board (CB501)
To DSP P.W Board (2/2)
DIN1302 DIN SOCKET, 13P (CONTROL UNIT)
CH602 GIL-S-07P-S2L2
OPEN
L625 BLM18AG102SH-1

C527	N.U.
C528	N.U.
C529	68p
C530	68p
C531	68p
C655	68p

C532	68p
C533	68p
C534	0.1
C535	68p
C536	68p
C537	68p
C538	68p
C539	68p
C540	0.01
C541	0.01
C542	N.U.
C543	N.U.
C544	1000p

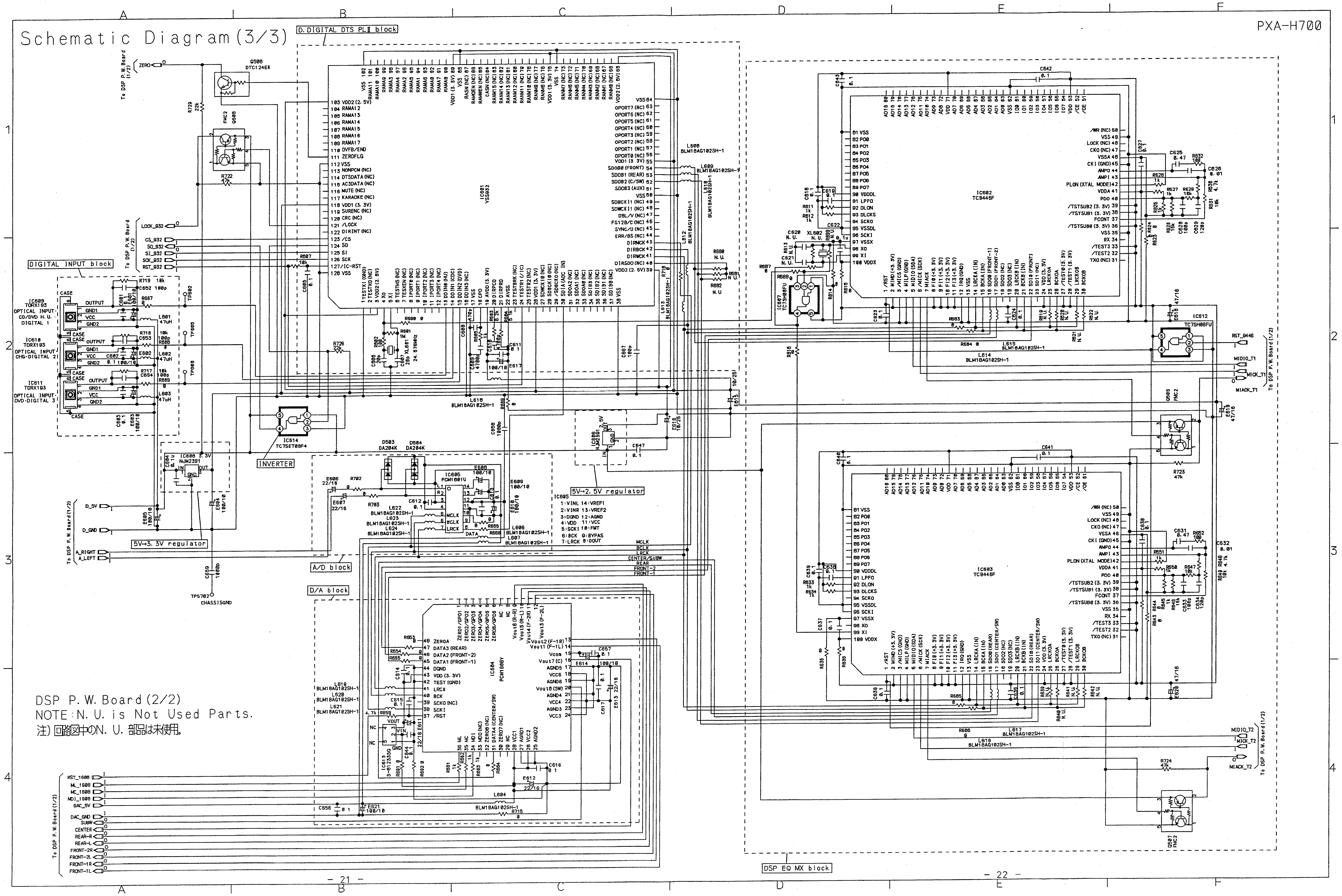
DSP P.W.Board (1/2)

NOTE: N.U. is Not Used Parts.

注) 回路図中のN.U. 部品は未使用。

Schematic Diagram (3/3)

PXA-H700



A
B
C
D
E
F
1
2
3
4
D.DIGITAL DTS PLII block
DIGITAL INPUT block
INVERTER
5V→3.3V regulator
5V→2.5V regulator
A/D block
D/A block
DSP EQ MX block
IC601 YSS932
IC602 TC9446F
IC603 TC9446F
IC604 PCM1606Y
IC605 PCM1801U
IC606 NJM2391
IC607 TC7SH08FU
IC608 NJM2391
IC609 TORX193
IC610 TORX193
IC611 TORX193
IC612 TC7SH08FU
IC613 S-81233SG
IC614 TC7SET08F4
Q508 DTC124EK
Q505 FMC2
Q606 FMC2
Q607 FMC2
D503 DA204K
D504 DA204K
XL601 24.576MHz
XL602
OPTICAL INPUT CD/DVD H.U. DIGITAL 1
OPTICAL INPUT CHG·DIGITAL 2
OPTICAL INPUT DVD·DIGITAL 3
To DSP P.W.Board (1/2)
ZERO
LOCK_932
CS_932
SO_932
SI_932
SCK_932
RST_932
D_5V
D_GND
A_RIGHT
A_LEFT
TP5702
CHASSISGND
RST_9446
MIDIO_T1
MICK_T1
MIACK_T1
MIDIO_T2
MICK_T2
MIACK_T2
RST_1606
ML_1606
MC_1606
MDI_1606
DAC_5V
DAC_GND
SUBW
CENTER
REAR-R
REAR-L
FRONT-2R
FRONT-2L
FRONT-1R
FRONT-1L
MCLK
BCLK
LRCK
DATA
CENTER/SUBW
REAR
FRONT-2
FRONT-1
L600 BLM18AG102SH-1
L609 BLM18AG102SH-1
L614 BLM18AG102SH-1
L615 BLM18AG102SH-1
L616 BLM18AG102SH-1
L617 BLM18AG102SH-1
IC605
1:VINL 14:VREF1
2:VINR 13:VREF2
3:DGND 12:AGND
4:VDD 11:VCC
5:SCKI 10:FMT
6:BCK 9:BYPAS
7:LRCK 8:DOUT

DSP P. W. Board (2/2)

NOTE: N. U. is Not Used Parts.

注) 回路図中のN. U. 部品は未使用。

IC/TRの端子電圧

(Main P.W.Board)

IC101～104	
1	4.9
2	4.9
3	4.9
4	0
5	4.9
6	4.9
7	4.9
8	9.8

IC105			
1	4.9	9	0
2	4.9	10	9.8
3	4.9	11	4.9
4	4.9	12	4.9
5	4.9	13	4.9
6	0	14	4.9
7	0	15	4.9
8	0	16	9.8

IC201	
1	4.15
2	4.84
3	2.56
4	0
5	4.93
6	4.93
7	4.93
8	15.73

IC202	
1	8
2	0
3	15.6

IC203	
1	15
2	5.2
3	0
4	4.98
5	0

IC301～304, 307～313	
1	0
2	0
3	0
4	-9.6
5	0
6	0
7	0
8	9.5

IC204	
1	9.68
2	0
3	4.95

IC305							
1	-9.5	8	0	15	0	22	0
2	0	9	0	16	0	23	0
3	0	10	0	17	9.5	24	0
4	0	11	0	18	0	25	0
5	0	12	9.5	19	0	26	0
6	0	13	0	20	0	27	9.5
7	0	14	0	21	0	28	9.5

IC306							
1	-9.5	8	0	15	0	22	0
2	0	9	0	16	0	23	0
3	0	10	0	17	0	24	0
4	0	11	0	18	0	25	0
5	0	12	0	19	0	26	0
6	0	13	0	20	0	27	9.5
7	0	14	0	21	0	28	9.5

	1	2	3	4	5
Q216	5	0	4.9	4.8	0
Q217	0	5	5	0	0

	E	C	B		E	C	B
Q101	0	0	4.9	Q214	0	0	0.63
Q102	0	9.6	0	Q215	4.9	4.9	0
Q201	0	0	4.9	Q301	0	0	0
Q202	15.7	15.6	14.9	Q302	0	0	0
Q203	10.43	15.72	9.74	Q303	0	0	0
Q204	0	9.6	-0.8	Q304	0	0	0
Q205	0	9.6	-0.8	Q305	0	0	0
Q206	9.5	13.8	10.1	Q306	0	0	0
Q207	-9.5	-13.8	-10.3	Q307	0	0	0
Q208	0	0	10.4	Q308	0	0	0
Q209	0	15.6	0.6	Q309	0	0	4.87
Q210	15.6	0	14.9	Q310	0	0	0
Q211	15.6	15.6	14.9	Q311	15.7	0	15.7
Q212	0	15.7	0	Q312	0	15.7	0
Q213	15.7	0.3	15.7	Q313	15.6	5	14.9

(DSP P.W.Board)

IC501			
1	4.9	9	0
2	0	10	0
3	0	11	4.9
4	4.9	12	2.3
5	1.9	13	2.8
6	1.9	14	0
7	4.9	15	4.9
8	0	16	4.9

IC502			
1	0	9	4.9
2	4.9	10	0
3	4.9	11	4.1
4	0	12	0
5	4.5	13	4.9
6	0	14	4.9
7	4.9	15	0
8	0	16	4.9

IC503	
1	0
2	0
3	0
4	0
5	1.9
6	1.5
7	4.5
8	5

IC504	
1	2.7
2	2.5
3	2.5
4	0
5	2.5
6	2.5
7	2.5
8	5

IC505			
1	2.5	10	2.4
2	1.6	11	2.5
3	2.5	12	2.5
4	1.6	13	2.5
5	2.5	14	2.9
6	2.5	15	2.9
7	2.5	16	0
8	2.5	17	0
9	5	18	0

IC507	
1	0
2	0
3	0
4	0
5	4.9
6	4.9
7	0
8	5

IC508	
1	4.9
2	0
3	0
4	3.3
5	4.9

IC506									
1	0	21	4.9	41	4.9	61	0	81	2.7
2	4.9	22	4.9	42	0	62	0	82	2.7
3	4.9	23	4.9	43	0	63	0	83	4.7
4	4.4	24	0	44	0	64	0	84	1.3
5	1.3	25	0	45	4.9	65	0	85	1.3
6	4.9	26	0	46	4.9	66	0	86	4.9
7	0	27	0	47	4.9	67	0	87	4.9
8	0	28	2.4	48	4.9	68	0	88	4.9
9	4.3	29	2.4	49	0	69	0	89	4.9
10	0.6	30	2.3	50	4.9	70	0	90	4.9
11	0.6	31	4.9	51	4.9	71	4.9	91	4.9
12	0	32	4.9	52	4.9	72	0	92	0
13	0	33	3.5	53	0	73	4.9	93	0
14	0	34	3.5	54	0	74	0	94	4.9
15	0	35	1.7	55	1.3	75	0	95	0
16	0	36	1.7	56	0	76	4.3	96	4.9
17	0	37	0	57	4.9	77	4.3	97	0
18	0	38	4.9	58	0	78	4.3	98	0.2
19	4.9	39	2.4	59	0	79	4.9	99	0.4
20	4.9	40	4.9	60	0	80	4.9	100	4.9

IC601									
1	0	27	3.3	53	1.3	79	0	105	0
2	3.3	28	3.3	54	1.3	80	0	106	0
3	2.5	29	1.7	55	3.3	81	0	107	0
4	1.5	30	1.3	56	3.3	82	0	108	0
5	1.7	31	0	57	3.3	83	0.8	109	0
6	3.3	32	0	58	0	84	0.8	110	3.1
7	3.3	33	0.9	59	0	85	3.3	111	0
8	3.3	34	3.3	60	0	86	3.3	112	0
9	3.3	35	3.3	61	0	87	3.3	113	0
10	3.3	36	3.3	62	0	88	3.3	114	0
11	3.3	37	3.3	63	0	89	3.3	115	0
12	3.3	38	0	64	0	90	3.3	116	0
13	0.4	39	2.5	65	2.5	91	0	117	0
14	0.4	40	0	66	0	92	0	118	3.3
15	0.4	41	0.2	67	0	93	0	119	0
16	0	42	1.7	68	0	94	3.3	120	0
17	0	43	1.7	69	0	95	0	121	3.3
18	0	44	3.3	70	0	96	0	122	0
19	3.3	45	3.2	71	0	97	0	123	4.9
20	2.1	46	1.7	72	0	98	0	124	3.3
21	2	47	0	73	0	99	0	125	1.3
22	0	48	3.3	74	0	100	0	126	1.3
23	3.3	49	3.3	75	0	101	0	127	4.9
24	4.9	50	0	76	0	102	0	128	0
25	3.3	51	0	77	0	103	2.5		
26	3.3	52	0.7	78	0	104	1.5		

IC602									
1	3.3	21	1.7	41	3.3	61	3.3	81	0
2	3.3	22	1.4	42	0	62	0	82	3.3
3	0	23	1.4	43	1.7	63	3.3	83	0
4	0	24	3.3	44	0	64	0	84	3.3
5	4.9	25	1.7	45	0	65	0	85	0
6	4.9	26	1.7	46	0	66	3.3	86	3.3
7	3.3	27	3.3	47	1.7	67	3.3	87	3.3
8	3.3	28	3.3	48	0	68	0	88	1.8
9	3.3	29	1.7	49	0	69	3.3	89	0
10	3.3	30	1.7	50	3.3	70	0	90	0
11	3.3	31	1.7	51	0	71	3.3	91	0
12	0	32	3.3	52	3.3	72	3.3	92	3.3
13	0	33	3.3	53	3.3	73	3.3	93	3.3
14	1.7	34	0	54	3.3	74	3.3	94	0
15	1.7	35	0	55	3.3	75	3.3	95	0
16	1.3	36	3.3	56	3.3	76	3.3	96	0
17	1.3	37	1.7	57	3.3	77	0	97	0
18	1.2	38	3.3	58	3.3	78	3.3	98	1.8
19	0.6	39	3.3	59	3.3	79	0	99	1.5
20	0.7	40	1.7	60	3.3	80	3.3	100	3.3

IC603									
1	3.3	21	1.7	41	3.3	61	3.3	81	0
2	3.3	22	1.6	42	0	62	0	82	0
3	0	23	1.6	43	1.6	63	0	83	0
4	0	24	3.3	44	0.6	64	0	84	0
5	4.9	25	2.1	45	0	65	0	85	0
6	4.9	26	1.7	46	0	66	0	86	0
7	3.3	27	3.3	47	1.7	67	0	87	0
8	3.3	28	3.3	48	0	68	0	88	0
9	3.3	29	1.7	49	0	69	0	89	0
10	3.3	30	1.7	50	3.3	70	0	90	0
11	3.3	31	1.7	51	0	71	3.3	91	0
12	0	32	3.3	52	3.3	72	0	92	3.3
13	0	33	3.3	53	3.3	73	0	93	3.3
14	1.7	34	4	54	3.3	74	0	94	3.3
15	1.7	35	0	55	3.3	75	0	95	0
16	1.1	36	3.3	56	3.3	76	0	96	0
17	1	37	2.5	57	3.3	77	0	97	0
18	0	38	3.3	58	3.3	78	0	98	0.9
19	0	39	3.3	59	3.3	79	0	99	1.5
20	1.7	40	1.7	60	3.3	80	0	100	3.3

IC604							
1	0	13	2.5	25	0	37	4.7
2	0	14	2.5	26	4.9	38	1.7
3	0	15	2.5	27	0	39	1.6
4	0	16	2.5	28	4.9	40	1.7
5	0	17	0	29	4.9	41	1.7
6	0	18	4.9	30	0	42	0
7	2.5	19	0	31	1	43	3.3
8	2.5	20	3.7	32	0	44	0
9	2.5	21	0	33	0	45	1.3
10	2.5	22	4.9	34	0	46	1.6
11	2.5	23	0	35	0	47	1
12	2.5	24	4.9	36	4.8	48	0

IC605			
1	2.1	8	1.6
2	2.1	9	4.9
3	0	10	4.9
4	4.9	11	4.9
5	1.7	12	0
6	1.7	13	3
7	1.7	14	2.1

IC606	
1	4.9
2	0
3	2.5

IC608	
1	4.9
2	0
3	2.5

IC607	
1	3.3
2	1.5
3	0
4	1.6
5	3.3

IC609～611	
1	0
2	0
3	4.8
4	0
5	0

IC612	
1	3.3
2	4.9
3	0
4	3.3
5	3.3

IC613	
1	0
2	4.9
3	3.3
4	1.1
5	1.1

	E	C	B
Q502	0	0.5	0
Q503	0	4.9	0
Q508	0	0	3.3

IC614	
1	4.9
2	4.9
3	0
4	4.9
5	4.9

	1	2	3	4	5
Q501	4.9	0	0	4.9	4.9
Q505	4.9	0	0	3.3	4.9
Q506	4.9	0	0	3.3	5
Q507	4.8	0	0	3.3	4.9

[Measuring Conditions]
·Power Supply Voltage :DC16V
·Measuring Meter :Digital Multi Voltmeter
·Measuring Point Reference :Between GND
·Measuring Condition :No Load resistor

[端子電圧測定条件]
·電源電圧 :DC16V
·測定機器 :ﾃﾞｼﾞﾀﾙ·ﾏﾙﾁ·ﾒｰﾀｰ
·測定基準 :対ｱｰｽ間
·測定条件 :無負荷

Description of IC Terminal

D70F3033AGC : IC506

No.	Symbol	I/O	Terminal Description
1	NC	–	No connect terminal.
2	MICK_T2	0	SCL output terminal to TC9446F(IC603).
3	SO_YSS932	I	SO input terminal from YSS932(IC601).
4	SI_YSS932	0	SI output terminal to YSS932(IC601).
5	SCK_YSS932	0	SCK output terminal to YSS932(IC601).
6	EVDD	–	+3.3V connect terminal.
7	EVSS	–	GND connect terminal.
8	A-TCR	0	A-TCR PULSE OUT terminal.
9	CS1_LCD	0	CS1 output terminal to LCD DRIVER.
10	A0_LCD	0	A0 output terminal to LCD DRIVER.
11	RESET_LCD	0	RESET output terminal to LCD DRIVER.
12	NC	–	No connect terminal.
13	DATA_TC9482	0	DATA output terminal to TC9482N(E-VOL).
14	CK_TC9482	0	CK output terminal to TC9482N(E-VOL).
15	STB_TC9482	0	STB output terminal to TC9482N(E-VOL).
16	NC	–	No connect terminal.
17			
18	IC/Vpp	–	Flash writing Vpp terminal.
19	CS_YSS932	0	CS output terminal to YSS932(IC601).
20	IC-RST_YSS932	0	RESET output terminal to YSS932(IC601).
21	RST_9446	0	RESET output terminal to TC9446F(IC602,603).
22	SCL_LED	0	SCL output terminal to LED DRIVER(BU2098F).
23	SDA_LED	0	SDA output terminal to LED DRIVER(BU2098F).
24	NC	–	No connect terminal.
≀			
26			
27	FREQ_SEL	0	SPE-ANA frequency select terminal.(H:FREQ-1 ⇔ L:FREQ-2)
28	A_3834	0	BA3834F(SPE-ANA) switching terminal.
29	B_3834		
30	C_3834		
31	/RESET	I	μ-COM RESET input terminal.
32	XT1(PULL-DOWN)	–	Pull-down connect terminal.
33	XT2(NC)	–	No connect terminal.
34	REGC	–	Capacitor connect terminal for regulator.
35	X2	–	OSC connect terminal for system clock generation. (20MHz)
36	X1		
37	VSS	–	GND connect terminal.
38	VDD	–	+5.0V connect terminal.
39	CLKOUT(NC)	–	No connect terminal.
40	/RST_PCM1608	0	RESET output terminal to PCM1608Y.
41	ML_PCM1608	0	ML(LATCH ENABLE) output terminal to PCM1608Y.
42	MC_PCM1608	0	MC(CLOCK) output terminal to PCM1608Y.
43	MDI_PCM1608	0	MDI(DATA) output terminal to PCM1608Y.
44	NC	–	No connect terminal.
45	P_CONT	0	POWER control terminal of system AUDIO.
46	OUT_REM	0	OUT-REMOTE ON/OFF terminal. (conform Ai-NET command.)

No.	Symbol	I/O	Terminal Description
47	MUTE	O	MUTE control terminal of system AUDIO.
48	4052-B	O	ANALOG input switching terminal.
49	4052-A		
50	BUS_RES	O	RESET output terminal to MB88385CPF(Ai-NET IC).
51	BUS_R/W	O	R/W output terminal to MB88385CPF(Ai-NET IC).
52	BUS_RS	I	RS input terminal from MB88385CPF(Ai-NET IC).
53	BUS_SOUT	I	SOUT input terminal from MB88385CPF(Ai-NET IC).
54	BUS_SIN	O	SIN output terminal to MB88385CPF(Ai-NET IC).
55	BVDD	-	+3.3V connect terminal.
56	BVSS	-	GND connect terminal.
57	BUS_SCLK	O	SCLK output terminal to MB88385CPF(Ai-NET IC).
58	GAIN_CONT	O	GAIN CONTROL output terminal
59	NC	-	No connect terminal.
≀			
70			
71	AVDD	-	+5.0V connect terminal.
72	AVSS	-	GND connect terminal.
73	AVREF	-	+5.0V connect terminal. (ADC standard power supply)
74	OVER	I	ANALOG input OVER detect terminal. (indicate OVER by LCD.)
75	Aout_3834	I	Signal input terminal from BA3834F(SPE-ANA).
76	KEY-1	I	KEY input terminal.
77	KEY-2		
78	KEY-3		
79	ENC_1	I	ROTARY ENCODER PULSE input terminal.
80	ENC_2		
81	MIC	I	AUTO TCR MIC IN input terminal.
82	NAVI CONT	I	NAVI VOICE GUIDE control signal input terminal.
83	MIC DET	I	MIC/no MIC detect terminal.
84	NAVI DET	I	NAVI CONTROL signal discrimination terminal.
85	BUS TRG(NC)	-	No connect terminal.
86	BATT-DET	I	BATT-DET(less than 8.5V?)detect terminal.
87	LOCK_YSS932	I	LOCK LOSS detect terminal from YSS932.
88	ACC_DET	I	ACC-DET(ACC ON/OFF)detect terminal.
89	BUS_IRQ	I	IRQ input terminal from MB88385CPF(Ai-NET IC).
90	ACK_9446_2	I	Over control detect terminal TC9446F(IC603).
91	ACK_9446_1		
92	NC	-	No connect terminal.
93			
94	MIDIO_T1	I/O	SDA input/output terminal to TC9446F(IC602). (both as Flash writing SI)
95	SO_Flash	O	Flash writing SO output terminal.
96	MICK_T1	O	SCK output terminal to TC9446F(IC602). (both as Flash writing SCK)
97	NC	-	No connect terminal.
98	SI_LCD	O	SI output terminal to LCD DRIVER.
99	SCL_LCD	O	SCL output terminal to LCD DRIVER.
100	MIDIO_T2	I/O	SDA input/output terminal to TC9446F(IC603).

D70F3033AGC : IC506

端子番号	端子信号	I/O	機能と接続
1	NC	–	未使用端子。
2	MICK_T2	O	TC9446F(IC603)へのSCL出力端子。
3	SO_YSS932	I	YSS932(IC601)からのSO入力端子。
4	SI_YSS932	O	YSS932(IC601)へのSI出力端子。
5	SCK_YSS932	O	YSS932(IC601)へのSCK出力端子。
6	EVDD	–	+3.3V接続端子。
7	EVSS	–	GND接続端子。
8	A-TCR	O	A-TCR PULSE OUT端子。
9	CS1_LCD	O	LCD DRIVERへのCS1出力端子。
10	A0_LCD	O	LCD DRIVERへのA0出力端子。
11	RESET_LCD	O	LCD DRIVERへのRESET出力端子。
12	NC	–	未使用端子。
13	DATA_TC9482	O	TC9482N(E-VOL)へのDATA出力端子。
14	CK_TC9482	O	TC9482N(E-VOL)へのCK出力端子。
15	STB_TC9482	O	TC9482N(E-VOL)へのSTB出力端子。
16	NC	–	未使用端子。
17			
18	IC/Vpp	–	Flash書き込みVpp端子。
19	CS_YSS932	O	YSS932(IC601)へのCS出力端子。
20	IC-RST_YSS932	O	YSS932(IC601)へのRESET出力端子。
21	RST_9446	O	TC9446F(IC602,603)へのRESET出力端子。
22	SCL_LED	O	LED DRIVER(BU2098F)へのSCL出力端子。
23	SDA_LED	O	LED DRIVER(BU2098F)へのSDA出力端子。
24 ～ 26	NC	–	未使用端子。
27	FREQ_SEL	O	ｽﾍﾟｱﾅの周波数選択端子。(H:FREQ-1 ⇔ L:FREQ-2)
28	A_3834	O	BA3834F(ｽﾍﾟｱﾅ)の切り替えSWITCH端子。
29	B_3834		
30	C_3834		
31	/RESET	I	ﾏｲｺﾝRESET入力端子。
32	XT1(PULL-DOWN)	–	PULL-DOWN接続端子。
33	XT2(NC)	–	未使用端子。
34	REGC	–	ﾚｷﾞｭﾚｰﾀ用のｺﾝﾃﾞﾝｻ接続端子。
35	X2	–	ｼｽﾃﾑ･ｸﾛｯｸ発生用の発振子接続端子。(20MHz)
36	X1		
37	VSS	–	GND接続端子。
38	VDD	–	+5.0V接続端子。
39	CLKOUT(NC)	–	未使用端子。
40	/RST_PCM1608	O	PCM1608YへのRESET出力端子。
41	ML_PCM1608	O	PCM1608YへのML(LATCH ENABLE)出力端子。
42	MC_PCM1608	O	PCM1608YへのMC(CLOCK)出力端子。
43	MDI_PCM1608	O	PCM1608YへのMDI(DATA)出力端子。
44	NC	–	未使用端子。
45	P_CONT	O	AUDIO系POWERの制御端子。
46	OUT_REM	O	OUT-REMOTE ON/OFF端子。(Ai-NETｺﾏﾝﾄﾞに従う。)
47	MUTE	O	AUDIO系のMUTE制御端子。

端子番号	端子信号	I/O	機能と接続
48	4052-B	O	ｱﾅﾛｸﾞ入力切り替えSWITCH端子。
49	4052-A		
50	BUS_RES	O	MB88385CPF(Ai-NET IC)へのRESET出力端子。
51	BUS_R/W	O	MB88385CPF(Ai-NET IC)へのR/W出力端子。
52	BUS_RS	I	MB88385CPF(Ai-NET IC)からのRS入力端子。
53	BUS_SOUT	I	MB88385CPF(Ai-NET IC)からのSOUT入力端子。
54	BUS_SIN	O	MB88385CPF(Ai-NET IC)へのSIN出力端子。
55	BVDD	–	+3.3V接続端子。
56	BVSS	–	GND接続端子。
57	BUS_SCLK	O	MB88385CPF(Ai-NET IC)へのSCLK出力端子。
58	GAIN_CONT	O	GAIN CONTROL出力端子。
59	NC	–	未使用端子。
～			
70			
71	AVDD	–	+5.0V接続端子。
72	AVSS	–	GND接続端子。
73	AVREF	–	+5.0V接続端子。（ADC基準電源）
74	OVER	I	ｱﾅﾛｸﾞ入力OVERの検出端子。（LCDにてOVERの表示を行う。）
75	Aout_3834	I	BA3834F(ｽﾍﾟｱﾅ)からの信号入力端子。
76	KEY-1	I	KEY取り込み端子。
77	KEY-2		
78	KEY-3		
79	ENC_1	I	ﾛｰﾀﾘｰ･ｴﾝｺｰﾀﾞPULSE取り込み端子。
80	ENC_2		
81	MIC	I	AUTO TCR MIC入力の取り込み端子。
82	NAVI CONT	I	NAVI音声GUIDEｺﾝﾄﾛｰﾙ信号取り込み端子。
83	MIC DET	I	MICの有り無し検出端子。
84	NAVI DET	I	NAVI CONTROL信号の判別端子。
85	BUS TRG(NC)	–	未使用端子。
86	BATT-DET	I	BATT-DET(8.5V以下?)検出端子。
87	LOCK_YSS932	I	YSS932からのLOCK LOSS検出端子。
88	ACC_DET	I	ACC-DET(ACC ON/OFF)検出端子。
89	BUS_IRQ	I	MB88385CPF(Ai-NET IC)からのIRQ入力端子。
90	ACK_9446_2	I	TC9446F(IC603)暴走検出端子。
91	ACK_9446_1		
92	NC	–	未使用端子。
93			
94	MIDIO_T1	I/O	TC9446F(IC602)とのSDA入出力端子。（Flash書き込みSI兼用）
95	SO_Flash	O	Flash書き込みSO出力端子。
96	MICK_T1	O	TC9446F(IC602)へのSCK出力端子。（Flash書き込みSCK兼用）
97	NC	–	未使用端子。
98	SI_LCD	O	LCD DRIVERへのSI出力端子。
99	SCL_LCD	O	LCD DRIVERへのSCL出力端子。
100	MIDIO_T2	I/O	TC9446F(IC603)とのSDA入出力端子。

PXA-H700

Electrical Parts List

Capacitor : μF=microfarads,pF=picofarads

Abbreviations

RES.= Resistor
C.F.= Carbon Film
M.F.= Metal Film
M.O.= Metal OxideFilm
M.P.= Metal Plate
TR. = Transistor
TRANS.= Transformer
CP. = Chip

CAP.= Capacitor
ELY.= Electrolytic
CER.= Ceramic
MYL.= Mylar
TAN.= Tantalum
POLY.= Polystyrol
PP. = Polypropylene
PLT.= Polyethylene
PF. = Polyester Film

Symbol No.	Part No.	Description
Main P.W.Board		
IC's		
IC101	51E22130S01	IC, NJM 4560M-TE3
IC102	51E22130S01	IC, NJM 4560M-TE3
IC103	51E22130S01	IC, NJM 4560M-TE3
IC104	51E22130S01	IC, NJM 4560M-TE3
IC105	51E34585S01	IC NJU4052B
IC201	51T85450W01	IC, TDA3606
IC202	51E34570S01	IC, REG, NJM7808FA, TO-220F
IC203	51T15571Y02	IC, LM2575S-5.0V
IC204	51E34586S01	IC REG NJM7805SP-T252
IC301	51E22130S01	IC, NJM 4560M-TE3
IC302	51E22130S01	IC, NJM 4560M-TE3
IC303	51E22130S01	IC, NJM 4560M-TE3
IC304	51E22130S01	IC, NJM 4560M-TE3
IC305	51T45591Y01	TC9482N-DIP28
IC306	51T45591Y01	TC9482N-DIP28
IC307	51E22130S01	IC, NJM 4560M-TE3
IC308	51E22130S01	IC, NJM 4560M-TE3
IC309	51E22130S01	IC, NJM 4560M-TE3
IC310	51E22130S01	IC, NJM 4560M-TE3
IC311	51E22130S01	IC, NJM 4560M-TE3
IC312	51E22130S01	IC, NJM 4560M-TE3
IC313	51E22130S01	IC, NJM 4560M-TE3
Transistors		
Q101	48E22093S01	TR, DTC 114EK-T146-CP
Q102	48E22093S01	TR, DTC 114EK-T146-CP
Q201	48E22093S01	TR, DTC 114EK-T146-CP
Q202	48E09399S01	TR, 2SB 1243, P, Q, R-TV4-RD
Q203	48E22877S01	TR, 2SC3693
Q204	48E22789S01	TR, 2SD 1857P, Q, R-TV4-RD
Q205	48E22789S01	TR, 2SD 1857P, Q, R-TV4-RD
Q206	48E10027S01	TR, KSC 2690A-Y
Q207	48E05943S01	TR, KSA 1220A-Y

Symbol No.	Part No.	Description
Q208	48E10426S01	TR, DTC 124EK-T146-CP
Q209	48E22903S01	TR, DTC 143EK-T-146-CP
Q210	48E22900S01	TR, 2SA1037K-Q, R, S-CP
Q211	48E09399S01	TR, 2SB 1243, P, Q, R-TV4-RD
Q212	48E24364S01	TR, DTC 144EK-T-146-CP
Q213	48E22901S01	TR, DTA 114EK-T-146-CP
Q214	48E22902S01	TR, 2SC2412K-Q, R, S-T146-CP
Q215	48E22092S01	TR, DTA 124EK-T146-CP
Q216	48E11274S01	TR, FMC2-T-149-CP
Q217	48E11274S01	TR, FMC2-T-149-CP
Q301	48T63788F01	TR, CP, 2SD1328-TX
Q302	48T63788F01	TR, CP, 2SD1328-TX
Q303	48T63788F01	TR, CP, 2SD1328-TX
Q304	48T63788F01	TR, CP, 2SD1328-TX
Q305	48T63788F01	TR, CP, 2SD1328-TX
Q306	48T63788F01	TR, CP, 2SD1328-TX
Q307	48T63788F01	TR, CP, 2SD1328-TX
Q308	48T63788F01	TR, CP, 2SD1328-TX
Q309	48E34582S01	TR DTC 114EK
Q310	48T63788F01	TR, CP, 2SD1328-TX
Q311	48E22901S01	TR, DTA 114EK-T-146-CP
Q312	48E34582S01	TR DTC 114EK
Q313	48E34571S01	TR, KTA1036-Y
Diodes		
D101	48E22916S01	DIO, 1SS133-T-77-AX
D201	48E20758S01	DIO, 11ES2-TA1B2-AX
D202	48E20758S01	DIO, 11ES2-TA1B2-AX
D203	48E10946S01	DIO, DA, 204K-J-146-CP
D204	48E22916S01	DIO, 1SS133-T-77-AX
D205	48E20758S01	DIO, 11ES2-TA1B2-AX
D206	48T55247W01	DIO, 11EQS04-A5
D207	48T55247W01	DIO, 11EQS04-A5
D208	48T55247W01	DIO, 11EQS04-A5
D209	48T55247W01	DIO, 11EQS04-A5
D210	48E33852S01	DIODE, SS14-6600
D301	48E23841S01	DIO, DAP, 202K-T-146-CP
D302	48E23841S01	DIO, DAP, 202K-T-146-CP
D303	48E23841S01	DIO, DAP, 202K-T-146-CP
D304	48E23841S01	DIO, DAP, 202K-T-146-CP
D305	48E22916S01	DIO, 1SS133-T-77-AX
D306	48E22916S01	DIO, 1SS133-T-77-AX
D307	48E22916S01	DIO, 1SS133-T-77-AX
SD1	48T68580F03	DIO, SI DSA3A4-F5
ZD201	48T25064Y02	DIO, ZEN ZSH5MA27A-ED

Symbol No.	Part No.	Description
ZD202	48E27844S01	DIO,ZEN,MTZ-J-10-C-AX
ZD203	48E27844S01	DIO,ZEN,MTZ-J-10-C-AX
ZD204	48E27844S01	DIO,ZEN,MTZ-J-10-C-AX
ZD205	48E24378S01	DIO,ZEN,MTZ-J-5.6-C-AX
Filters		
L101	24T95456W12	EMI BLM18AG102SH-1-CP
L102	24T95456W12	EMI BLM18AG102SH-1-CP
L103	24T95456W12	EMI BLM18AG102SH-1-CP
L104	24T95456W12	EMI BLM18AG102SH-1-CP
L105	24T95456W12	EMI BLM18AG102SH-1-CP
L106	24T95456W12	EMI BLM18AG102SH-1-CP
L107	24T95456W12	EMI BLM18AG102SH-1-CP
L108	24T95456W12	EMI BLM18AG102SH-1-CP
Coils		
L201	24E33872S01	COIL,470uH
L202	24E09406S01	COIL,IND 102K-AX
L203	24E09406S01	COIL,IND 102K-AX
L204	24E33872S01	COIL,470uH
L205	24E09405S01	COIL,IND,101K-AX
T201	25E24351S01	CHOKE TRANS
Transformer		
T202	25T35113Y01	TRANS, LC128
Capacitors		
C101	08E28761S01	CAP,CER 22R-J-SL1H-CP
C102	08E28761S01	CAP,CER 22R-J-SL1H-CP
C103	08E28761S01	CAP,CER 22R-J-SL1H-CP
C104	08E28761S01	CAP,CER 22R-J-SL1H-CP
C105	08E28761S01	CAP,CER 22R-J-SL1H-CP
C106	08E28761S01	CAP,CER 22R-J-SL1H-CP
C108	08E33079S01	CAP,CER 104-Z-F1E-CP
C109	08E33079S01	CAP,CER 104-Z-F1E-CP
C110	08E33079S01	CAP,CER 104-Z-F1E-CP
C111	08E33236S01	CAP,CER 392-K-B1H-CP
C112	08E33236S01	CAP,CER 392-K-B1H-CP
C113	08E34584S01	CAP,CER 331-K-SL1H-CP
C114	08E34584S01	CAP,CER 331-K-SL1H-CP
C115	08E33236S01	CAP,CER 392-K-B1H-CP
C116	08E33236S01	CAP,CER 392-K-B1H-CP

Symbol No.	Part No.	Description
C117	08E34584S01	CAP,CER 331-K-SL1H-CP
C118	08E34584S01	CAP,CER 331-K-SL1H-CP
C119	08E33236S01	CAP,CER 392-K-B1H-CP
C120	08E33236S01	CAP,CER 392-K-B1H-CP
C121	08E34584S01	CAP,CER 331-K-SL1H-CP
C122	08E34584S01	CAP,CER 331-K-SL1H-CP
C123	08E33236S01	CAP,CER 392-K-B1H-CP
C124	08E33236S01	CAP,CER 392-K-B1H-CP
C125	08E34584S01	CAP,CER 331-K-SL1H-CP
C126	08E34584S01	CAP,CER 331-K-SL1H-CP
C127	08E28761S01	CAP,CER 22R-J-SL1H-CP
C128	08E28761S01	CAP,CER 22R-J-SL1H-CP
C129	08E28761S01	CAP,CER 22R-J-SL1H-CP
C130	08E28761S01	CAP,CER 22R-J-SL1H-CP
C131	08E28761S01	CAP,CER 22R-J-SL1H-CP
C132	08E28761S01	CAP,CER 22R-J-SL1H-CP
C133	08E28761S01	CAP,CER 22R-J-SL1H-CP
C134	08E28761S01	CAP,CER 22R-J-SL1H-CP
C136	08E28761S01	CAP,CER 22R-J-SL1H-CP
C137	08E33079S01	CAP,CER 104-Z-F1E-CP
C138	08E28761S01	CAP,CER 22R-J-SL1H-CP
C139	08E28761S01	CAP,CER 22R-J-SL1H-CP
C140	08E28761S01	CAP,CER 22R-J-SL1H-CP
C141	08E28761S01	CAP,CER 22R-J-SL1H-CP
C142	08E28761S01	CAP,CER 22R-J-SL1H-CP
C143	08E31812S01	CAP,CER 68R-J-SL1H-CP
C144	08E31812S01	CAP,CER 68R-J-SL1H-CP
C145	08E31812S01	CAP,CER 68R-J-SL1H-CP
C146	08E31812S01	CAP,CER 68R-J-SL1H-CP
C147	08E31812S01	CAP,CER 68R-J-SL1H-CP
C148	08E31812S01	CAP,CER 68R-J-SL1H-CP
C149	08E31812S01	CAP,CER 68R-J-SL1H-CP
C150	08E31812S01	CAP,CER 68R-J-SL1H-CP
C201	08E22090S01	CAP,CER.31-X7R-103-K-CP
C202	08E30012S01	CAP,TF,MMTS 153-J-RD
C203	08E31820S01	CAP,CER 104-K-B1E-CP
C204	08E31170S01	CAP,CER 223-K-B1H-CP
C205	08E31170S01	CAP,CER 223-K-B1H-CP
C206	08E33079S01	CAP,CER 104-Z-F1E-CP
C207	08E31820S01	CAP,CER 104-K-B1E-CP
C208	08E22899S01	CAP,CER.21-CG-101-J-CP
C209	08E22899S01	CAP,CER.21-CG-101-J-CP
C210	08E22899S01	CAP,CER.21-CG-101-J-CP
C211	08E22899S01	CAP,CER.21-CG-101-J-CP
C212	08E22899S01	CAP,CER.21-CG-101-J-CP
C213	08E22899S01	CAP,CER.21-CG-101-J-CP
C214	08E22899S01	CAP,CER.21-CG-101-J-CP
C215	08E22899S01	CAP,CER.21-CG-101-J-CP
C216	08E31820S01	CAP,CER 104-K-B1E-CP

Symbol No.	Part No.	Description
C217	08E31820S01	CAP,CER 104-K-B1E-CP
C218	08E22899S01	CAP,CER.21-CG-101-J-CP
C219	08E31820S01	CAP,CER 104-K-B1E-CP
C220	08E22899S01	CAP,CER.21-CG-101-J-CP
C221	08E22899S01	CAP,CER.21-CG-101-J-CP
C222	08E31820S01	CAP,CER 104-K-B1E-CP
C223	08E33079S01	CAP,CER 104-Z-F1E-CP
C224	08E31820S01	CAP,CER 104-K-B1E-CP
C225	08E33079S01	CAP,CER 104-Z-F1E-CP
C226	08E33079S01	CAP,CER 104-Z-F1E-CP
C228	08E33079S01	CAP,CER 104-Z-F1E-CP
C229	08E22090S01	CAP,CER.31-X7R-103-K-CP
C230	08E31820S01	CAP,CER 104-K-B1E-CP
C231	08E31820S01	CAP,CER 104-K-B1E-CP
C232	08E31020S01	CAP, MF 104-J-63V-RD
C233	08E31020S01	CAP, MF 104-J-63V-RD
C234	08E28769S01	CAP,CER 102-K-SL1H-CP
C235	08E28769S01	CAP,CER 102-K-SL1H-CP
C236	08E28769S01	CAP,CER 102-K-SL1H-CP
C237	08E22083S01	CAP,CER.21-X7R-103-K-CP
C238	08E22083S01	CAP,CER.21-X7R-103-K-CP
C239	08E28771S01	CAP,CER 103-K-B1H-CP
C240	08E33079S01	CAP,CER 104-Z-F1E-CP
E101	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E102	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E103	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E104	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E105	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E106	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E107	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E108	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E109	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E110	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E111	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E112	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E113	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E114	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E115	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E116	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E117	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E118	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E119	23E31017S01	CAP ELEC SHL 10/25-M-RD
E120	23E23849S01	CAP,ELEC,SHL 100/16-M-RD
E201	23E34583S01	CAP,ELEC,SHL 1000/16-M-RD
E202	23E33115S01	CAP,ELEC,SHL 1/50-M-RD
E203	23E33238S01	CAP ELEC SHL 33/25-M-RD
E204	23E24400S01	CAP,ELEC,470/16-M-RD
E205	23E34583S01	CAP,ELEC,SHL 1000/16-M-RD
E206	23E34583S01	CAP,ELEC,SHL 1000/16-M-RD
E207	23E31018S01	CAP,ELEC,SHL 22/16-M-RD
E208	23E31018S01	CAP,ELEC,SHL 22/16-M-RD
E209	23E23850S01	CAP,ELEC,SHL 220/16-M-RD
E210	23E23850S01	CAP,ELEC,SHL 220/16-M-RD
E211	23E34583S01	CAP,ELEC,SHL 1000/16-M-RD
E212	23E34583S01	CAP,ELEC,SHL 1000/16-M-RD
E213	23E31018S01	CAP,ELEC,SHL 22/16-M-RD
E214	23E33238S01	CAP ELEC SHL 33/25-M-RD
E215	23E22131S01	CAP,ELEC,SHL 330/10-M-RD
E216	23E31017S01	CAP ELEC SHL 10/25-M-RD
E217	23E33115S01	CAP,ELEC,SHL 1/50-M-RD
E218	23E23849S01	CAP,ELEC,SHL 100/16-M-RD
E219	23E23849S01	CAP,ELEC,SHL 100/16-M-RD
E301	23E33117S01	CAP ELEC SHL 47/16-M-RD
E302	23E33117S01	CAP ELEC SHL 47/16-M-RD
E303	23E33117S01	CAP ELEC SHL 47/16-M-RD
E304	23E33117S01	CAP ELEC SHL 47/16-M-RD
E305	23E33117S01	CAP ELEC SHL 47/16-M-RD
E306	23E33117S01	CAP ELEC SHL 47/16-M-RD
E307	23E33117S01	CAP ELEC SHL 47/16-M-RD
E308	23E33117S01	CAP ELEC SHL 47/16-M-RD
E309	23E33117S01	CAP ELEC SHL 47/16-M-RD
E310	23E33117S01	CAP ELEC SHL 47/16-M-RD
E311	23E31016S01	CAP,ELEC,SHL 22/50-M-RD
E312	23E31016S01	CAP,ELEC,SHL 22/50-M-RD
E313	23E31016S01	CAP,ELEC,SHL 22/50-M-RD
E314	23E31016S01	CAP,ELEC,SHL 22/50-M-RD
E315	23E31016S01	CAP,ELEC,SHL 22/50-M-RD
E316	23E31016S01	CAP,ELEC,SHL 22/50-M-RD
E317	23E31016S01	CAP,ELEC,SHL 22/50-M-RD
E318	23E31016S01	CAP,ELEC,SHL 22/50-M-RD
E319	23E31016S01	CAP,ELEC,SHL 22/50-M-RD
E320	23E33117S01	CAP ELEC SHL 47/16-M-RD
E321	23E33117S01	CAP ELEC SHL 47/16-M-RD
E322	23E33117S01	CAP ELEC SHL 47/16-M-RD
E323	23E33117S01	CAP ELEC SHL 47/16-M-RD
E324	23E31017S01	CAP ELEC SHL 10/25-M-RD
E325	23E31017S01	CAP ELEC SHL 10/25-M-RD
E326	23E31011S01	CAP,ELEC,SHL 0.47/50-M-RD
E327	23E31011S01	CAP,ELEC,SHL 0.47/50-M-RD
E328	23E31011S01	CAP,ELEC,SHL 0.47/50-M-RD
E329	23E31011S01	CAP,ELEC,SHL 0.47/50-M-RD
E330	23E31011S01	CAP,ELEC,SHL 0.47/50-M-RD
E331	23E31011S01	CAP,ELEC,SHL 0.47/50-M-RD
E332	23E31011S01	CAP,ELEC,SHL 0.47/50-M-RD
E333	23E31011S01	CAP,ELEC,SHL 0.47/50-M-RD
E334	23E31011S01	CAP,ELEC,SHL 0.47/50-M-RD
E335	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD
E336	23E31014S01	CAP,ELEC,SHL 4.7/50-M-RD

Symbol No.	Part No.	Description
E337	23E31014S01	CAP, ELEC, SHL 4.7/50-M-RD
E338	23E31014S01	CAP, ELEC, SHL 4.7/50-M-RD
E339	23E31014S01	CAP, ELEC, SHL 4.7/50-M-RD
E340	23E31014S01	CAP, ELEC, SHL 4.7/50-M-RD
E341	23E31014S01	CAP, ELEC, SHL 4.7/50-M-RD
E342	23E31014S01	CAP, ELEC, SHL 4.7/50-M-RD
E343	23E33117S01	CAP ELEC SHL 47/16-M-RD
E344	23E33117S01	CAP ELEC SHL 47/16-M-RD
E345	23E23850S01	CAP, ELEC, SHL 220/16-M-RD
E346	23E31017S01	CAP ELEC SHL 10/25-M-RD
Resistors		
R101	06E34581S01	RES, CF, 331-F-1/16-CP
R102	06E31810S01	RES, CF, 223-F-1/16-CP
R103	06E34581S01	RES, CF, 331-F-1/16-CP
R104	06E31810S01	RES, CF, 223-F-1/16-CP
R105	06E31810S01	RES, CF, 223-F-1/16-CP
R106	06E31687S01	RES, CF, 103-F-1/16-CP
R107	06E31810S01	RES, CF, 223-F-1/16-CP
R108	06E31687S01	RES, CF, 103-F-1/16-CP
R109	06E31687S01	RES, CF, 103-F-1/16-CP
R110	06E31687S01	RES, CF, 103-F-1/16-CP
R111	06E28537S01	RES, CF, 104-J-1/16-CP
R112	06E28537S01	RES, CF, 104-J-1/16-CP
R113	06E34581S01	RES, CF, 331-F-1/16-CP
R114	06E31810S01	RES, CF, 223-F-1/16-CP
R115	06E34581S01	RES, CF, 331-F-1/16-CP
R116	06E31810S01	RES, CF, 223-F-1/16-CP
R117	06E31810S01	RES, CF, 223-F-1/16-CP
R118	06E31810S01	RES, CF, 223-F-1/16-CP
R119	06E31810S01	RES, CF, 223-F-1/16-CP
R120	06E31810S01	RES, CF, 223-F-1/16-CP
R121	06E31810S01	RES, CF, 223-F-1/16-CP
R122	06E31810S01	RES, CF, 223-F-1/16-CP
R123	06E28537S01	RES, CF, 104-J-1/16-CP
R124	06E28537S01	RES, CF, 104-J-1/16-CP
R125	06E34581S01	RES, CF, 331-F-1/16-CP
R126	06E31810S01	RES, CF, 223-F-1/16-CP
R127	06E34581S01	RES, CF, 331-F-1/16-CP
R128	06E31810S01	RES, CF, 223-F-1/16-CP
R129	06E31810S01	RES, CF, 223-F-1/16-CP
R130	06E31810S01	RES, CF, 223-F-1/16-CP
R131	06E31810S01	RES, CF, 223-F-1/16-CP
R132	06E31810S01	RES, CF, 223-F-1/16-CP
R133	06E31810S01	RES, CF, 223-F-1/16-CP
R134	06E31810S01	RES, CF, 223-F-1/16-CP
R135	06E28537S01	RES, CF, 104-J-1/16-CP

Symbol No.	Part No.	Description
R136	06E28537S01	RES, CF, 104-J-1/16-CP
R137	06E31160S01	RES, CF, 473-J-1/16-CP
R138	06E31160S01	RES, CF, 473-J-1/16-CP
R139	06E31161S01	RES, CF, 563-J-1/16-CP
R140	06E28537S01	RES, CF, 104-J-1/16-CP
R141	06E31160S01	RES, CF, 473-J-1/16-CP
R142	06E31160S01	RES, CF, 473-J-1/16-CP
R143	06E28535S01	RES, CF, 223-J-1/16-CP
R144	06E28535S01	RES, CF, 223-J-1/16-CP
R201	06E24363S01	RES, CF, 472-J-1/4-CP
R202	06E30007S01	RES, CF, 202-J-1/4-CP
R203	06E30007S01	RES, CF, 202-J-1/4-CP
R204	06E30007S01	RES, CF, 202-J-1/4-CP
R205	06E30006S01	RES, CF, 241-J-1/4-CP
R206	06E30008S01	RES, CF, 562-J-1/4-CP
R207	06E34580S01	RES, CF, 301-J-1/16-CP
R208	06E34580S01	RES, CF, 301-J-1/16-CP
R209	06E31805S01	RES, CF, 753-J-1/16-CP
R210	06E31805S01	RES, CF, 753-J-1/16-CP
R211	06E28534S01	RES, CF, 103-J-1/16-CP
R212	06E22071S01	RES, CF 10R-J-1/4-CP
R213	06E22071S01	RES, CF 10R-J-1/4-CP
R214	06E22071S01	RES, CF 10R-J-1/4-CP
R215	06E22071S01	RES, CF 10R-J-1/4-CP
R216	06E28549S01	RES, CF, 472-J-1/16-CP
R217	06E28534S01	RES, CF, 103-J-1/16-CP
R218	06E22076S01	RES, CF, 222-J-1/4-CP
R219	06E22076S01	RES, CF, 222-J-1/4-CP
R220	06E34579S01	RES, CF 0R0-J-1/8-CP
R221	06E28537S01	RES, CF, 104-J-1/16-CP
R222	06E31161S01	RES, CF, 563-J-1/16-CP
R230	06E22076S01	RES, CF, 222-J-1/4-CP
R231	06E28534S01	RES, CF, 103-J-1/16-CP
R232	06E33241S01	RES, CF, 334-F-1/16-CP
R233	06E33240S01	RES, CF, 124-F-1/16-CP
R234	06E31160S01	RES, CF, 473-J-1/16-CP
R235	06E31160S01	RES, CF, 473-J-1/16-CP
R236	06E28537S01	RES, CF, 104-J-1/16-CP
R301	06E32311S01	RES, CF, 242-J-1/16-CP
R302	06E32311S01	RES, CF, 242-J-1/16-CP
R303	06E32311S01	RES, CF, 242-J-1/16-CP
R304	06E32311S01	RES, CF, 242-J-1/16-CP
R305	06E28791S01	RES, CF, 912-J-1/16-CP
R306	06E28791S01	RES, CF, 912-J-1/16-CP
R307	06E32311S01	RES, CF, 242-J-1/16-CP
R308	06E32311S01	RES, CF, 242-J-1/16-CP
R309	06E32311S01	RES, CF, 242-J-1/16-CP
R310	06E32311S01	RES, CF, 242-J-1/16-CP
R311	06E28791S01	RES, CF, 912-J-1/16-CP

Symbol No.	Part No.	Description
R312	06E28791S01	RES, CF, 912-J-1/16-CP
R313	06E32311S01	RES, CF, 242-J-1/16-CP
R314	06E32311S01	RES, CF, 242-J-1/16-CP
R315	06E32311S01	RES, CF, 242-J-1/16-CP
R316	06E32311S01	RES, CF, 242-J-1/16-CP
R317	06E28791S01	RES, CF, 912-J-1/16-CP
R318	06E28791S01	RES, CF, 912-J-1/16-CP
R319	06E32311S01	RES, CF, 242-J-1/16-CP
R320	06E32311S01	RES, CF, 242-J-1/16-CP
R321	06E32311S01	RES, CF, 242-J-1/16-CP
R322	06E32311S01	RES, CF, 242-J-1/16-CP
R323	06E28791S01	RES, CF, 912-J-1/16-CP
R324	06E28791S01	RES, CF, 912-J-1/16-CP
R326	06E28537S01	RES, CF, 104-J-1/16-CP
R327	06E28537S01	RES, CF, 104-J-1/16-CP
R329	06E28537S01	RES, CF, 104-J-1/16-CP
R330	06E28537S01	RES, CF, 104-J-1/16-CP
R331	06E28533S01	RES, CF, 102-J-1/16-CP
R332	06E28533S01	RES, CF, 102-J-1/16-CP
R333	06E28533S01	RES, CF, 102-J-1/16-CP
R334	06E28533S01	RES, CF, 102-J-1/16-CP
R335	06E28533S01	RES, CF, 102-J-1/16-CP
R336	06E28533S01	RES, CF, 102-J-1/16-CP
R337	06E28537S01	RES, CF, 104-J-1/16-CP
R338	06E28537S01	RES, CF, 104-J-1/16-CP
R339	06E28555S01	RES, CF, 153-J-1/16-CP
R340	06E28555S01	RES, CF, 153-J-1/16-CP
R341	06E28788S01	RES, CF, 122-J-1/16-CP
R342	06E28788S01	RES, CF, 122-J-1/16-CP
R343	06E28537S01	RES, CF, 104-J-1/16-CP
R344	06E28537S01	RES, CF, 104-J-1/16-CP
R345	06E28555S01	RES, CF, 153-J-1/16-CP
R346	06E28555S01	RES, CF, 153-J-1/16-CP
R347	06E28788S01	RES, CF, 122-J-1/16-CP
R348	06E28788S01	RES, CF, 122-J-1/16-CP
R349	06E28537S01	RES, CF, 104-J-1/16-CP
R350	06E28537S01	RES, CF, 104-J-1/16-CP
R351	06E28555S01	RES, CF, 153-J-1/16-CP
R352	06E28555S01	RES, CF, 153-J-1/16-CP
R353	06E28788S01	RES, CF, 122-J-1/16-CP
R354	06E28788S01	RES, CF, 122-J-1/16-CP
R355	06E28537S01	RES, CF, 104-J-1/16-CP
R356	06E28537S01	RES, CF, 104-J-1/16-CP
R357	06E31160S01	RES, CF, 473-J-1/16-CP
R358	06E31160S01	RES, CF, 473-J-1/16-CP
R359	06E28533S01	RES, CF, 102-J-1/16-CP
R360	06E28533S01	RES, CF, 102-J-1/16-CP
R361	06E28535S01	RES, CF, 223-J-1/16-CP
R362	06E28624S01	RES, CF, 0R0-J-1/16-CP
R364	06E31149S01	RES, CF, 221-J-1/16-CP
R365	06E28535S01	RES, CF, 223-J-1/16-CP
R366	06E31149S01	RES, CF, 221-J-1/16-CP
R367	06E28535S01	RES, CF, 223-J-1/16-CP
R368	06E28535S01	RES, CF, 223-J-1/16-CP
R369	06E28534S01	RES, CF, 103-J-1/16-CP
R370	06E31682S01	RES, CF, 393-J-1/16-CP
R371	06E31682S01	RES, CF, 393-J-1/16-CP
R372	06E28534S01	RES, CF, 103-J-1/16-CP
R373	06E28534S01	RES, CF, 103-J-1/16-CP
R374	06E28534S01	RES, CF, 103-J-1/16-CP
R375	06E28534S01	RES, CF, 103-J-1/16-CP
R376	06E31682S01	RES, CF, 393-J-1/16-CP
R377	06E31682S01	RES, CF, 393-J-1/16-CP
R378	06E28534S01	RES, CF, 103-J-1/16-CP
R379	06E28534S01	RES, CF, 103-J-1/16-CP
R380	06E28534S01	RES, CF, 103-J-1/16-CP
R381	06E20752S01	RES, CF, 221-J-1/4-CP
R382	06E31148S01	RES, CF, 101-J-1/16-CP
R383	06E31160S01	RES, CF, 473-J-1/16-CP
R384	06E28549S01	RES, CF, 472-J-1/16-CP
R385	06E28549S01	RES, CF, 472-J-1/16-CP
R386	06E31160S01	RES, CF, 473-J-1/16-CP
R387	06E20752S01	RES, CF, 221-J-1/4-CP
R388	06E31148S01	RES, CF, 101-J-1/16-CP
R389	06E31160S01	RES, CF, 473-J-1/16-CP
R390	06E31160S01	RES, CF, 473-J-1/16-CP
R391	06E20752S01	RES, CF, 221-J-1/4-CP
R392	06E31148S01	RES, CF, 101-J-1/16-CP
R393	06E20752S01	RES, CF, 221-J-1/4-CP
R394	06E31148S01	RES, CF, 101-J-1/16-CP
R395	06E28549S01	RES, CF, 472-J-1/16-CP
R396	06E28549S01	RES, CF, 472-J-1/16-CP
R397	06E31160S01	RES, CF, 473-J-1/16-CP
R398	06E31160S01	RES, CF, 473-J-1/16-CP
R399	06E20752S01	RES, CF, 221-J-1/4-CP
R400	06E20752S01	RES, CF, 221-J-1/4-CP
R401	06E31148S01	RES, CF, 101-J-1/16-CP
R402	06E31148S01	RES, CF, 101-J-1/16-CP
R403	06E28549S01	RES, CF, 472-J-1/16-CP
R404	06E28549S01	RES, CF, 472-J-1/16-CP
R405	06E31160S01	RES, CF, 473-J-1/16-CP
R406	06E31160S01	RES, CF, 473-J-1/16-CP
R407	06E20752S01	RES, CF, 221-J-1/4-CP
R408	06E20752S01	RES, CF, 221-J-1/4-CP
R409	06E31148S01	RES, CF, 101-J-1/16-CP
R410	06E31148S01	RES, CF, 101-J-1/16-CP
R411	06E28549S01	RES, CF, 472-J-1/16-CP
R412	06E28549S01	RES, CF, 472-J-1/16-CP

Symbol No.	Part No.	Description
R413	06E28537S01	RES, CF, 104-J-1/16-CP
R417	06E31160S01	RES, CF, 473-J-1/16-CP
R418	06E31810S01	RES, CF, 223-F-1/16-CP
R419	06E28537S01	RES, CF, 104-J-1/16-CP
R420	06E32311S01	RES, CF, 242-J-1/16-CP
R421	06E28549S01	RES, CF, 472-J-1/16-CP
R422	06E31687S01	RES, CF, 103-F-1/16-CP
R423	06E31174S01	RES, CF, 332-J-1/16-CP
R424	06E28535S01	RES, CF, 223-J-1/16-CP
R425	06E20546S01	RES, CF, 47R-J-1/4-CP
Connectors		
CB101	09E34578S01	CON WIRE 09P-09P
CB102	09E34576S01	CON WIRE 7P-7P
CB301	09E34577S01	CON WIRE 14P-14P
CB501	09E34575S01	CON WIRE 06P-06P
DSP P.W.Board		
IC's		
IC501	51T55070W05	MB88385CPF-ER-SE9
IC502	51T25370W01	IC, MC14538BFEL-SE6
IC503	51E23843S01	IC, NJM2903M-TE3
IC504	51E24381S01	IC, NJM 2100M-TE3
IC505	51T95048W01	IC, BA3834F-SE9
IC506	51T45192Y05	IC, MTP, D70F3033AGC
IC507	51T25162Y01	M24C16-WMN6T
IC508	51T15720Y09	IC, S-80932 ANMP
IC601	51T55423Y01	IC, YSS932-QT
IC602	51T55420Y01	IC, TC9446F-QT
IC603	51T55420Y01	IC, TC9446F-QT
IC604	51T55162Y01	IC, PCM1608Y
IC605	51T35707Y01	IC, PCM1801U
IC606	51E34598S01	IC REG NJM2391-2.5V-T252
IC607	51T15185Y01	IC TC7SH08FU-TE85L
IC608	51E33854S01	IC, REG NJM2391-3.3V, T-252
IC612	51T15185Y01	IC TC7SH08FU-TE85L
IC613	51T15490Y03	IC S-81233SG
IC614	51T25183Y02	IC TC7SET08F4
Transistors		
Q501	48E26560S01	TR, FMC3-T-149-CP
Q502	48E22093S01	TR, DTC 114EK-T146-CP

Symbol No.	Part No.	Description
Q503	48E10426S01	TR, DTC 124EK-T146-CP
Q505	48E11274S01	TR, FMC2-T-149-CP
Q506	48E11274S01	TR, FMC2-T-149-CP
Q507	48E11274S01	TR, FMC2-T-149-CP
Q508	48E10426S01	TR, DTC 124EK-T146-CP
Diodes		
D502	48E10945S01	DIO, DAN 202K-T-146-CP
D503	48E10946S01	DIO, DA, 204K-J-146-CP
D504	48E10946S01	DIO, DA, 204K-J-146-CP
D505	48E23841S01	DIO, DAP, 202K-T-146-CP
ZD501	48E34597S01	ZD, RD7.5MB1-CP
ZD502	48E34597S01	ZD, RD7.5MB1-CP
ZD503	48E34597S01	ZD, RD7.5MB1-CP
ZD504	48E34597S01	ZD, RD7.5MB1-CP
Filters		
L507	24T95456W12	EMI BLM18AG102SH-1-CP
L508	24T95456W12	EMI BLM18AG102SH-1-CP
L509	24T95456W12	EMI BLM18AG102SH-1-CP
L510	24T95456W12	EMI BLM18AG102SH-1-CP
L511	24T95456W12	EMI BLM18AG102SH-1-CP
L512	24T95456W12	EMI BLM18AG102SH-1-CP
L513	24T95456W12	EMI BLM18AG102SH-1-CP
L514	24T95456W12	EMI BLM18AG102SH-1-CP
L515	24T95456W12	EMI BLM18AG102SH-1-CP
L522	24T95456W12	EMI BLM18AG102SH-1-CP
L523	24T95456W12	EMI BLM18AG102SH-1-CP
L604	24T95456W12	EMI BLM18AG102SH-1-CP
L606	24T95456W12	EMI BLM18AG102SH-1-CP
L607	24T95456W12	EMI BLM18AG102SH-1-CP
L608	24T95456W12	EMI BLM18AG102SH-1-CP
L609	24T95456W12	EMI BLM18AG102SH-1-CP
L610	24T95456W12	EMI BLM18AG102SH-1-CP
L612	24T95456W12	EMI BLM18AG102SH-1-CP
L613	24T95456W12	EMI BLM18AG102SH-1-CP
L614	24T95456W12	EMI BLM18AG102SH-1-CP
L615	24T95456W12	EMI BLM18AG102SH-1-CP
L616	24T95456W12	EMI BLM18AG102SH-1-CP
L617	24T95456W12	EMI BLM18AG102SH-1-CP
L618	24T95456W12	EMI BLM18AG102SH-1-CP
L619	24T95456W12	EMI BLM18AG102SH-1-CP
L620	24T95456W12	EMI BLM18AG102SH-1-CP
L621	24T95456W12	EMI BLM18AG102SH-1-CP
L622	24T95456W12	EMI BLM18AG102SH-1-CP
L623	24T95456W12	EMI BLM18AG102SH-1-CP

Symbol No.	Part No.	Description
L624	24T95456W12	EMI BLM18AG102SH-1-CP
L625	24T95456W12	EMI BLM18AG102SH-1-CP
Coils		
L601	24E33857S01	COIL,47uH
L602	24E33857S01	COIL,47uH
L603	24E33857S01	COIL,47uH
Crystals		
XL501	91T45119W07	XTL,AT-51 20.000M
XL503	91T25773W16	XTL,4.000M-AT51
XL601	91T85169W01	XTL, HC-49 24.576M-R5
Capacitors		
C501	08E29171S01	CAP,CER 18R-J-SL1H-CP
C502	08E29171S01	CAP,CER 18R-J-SL1H-CP
C503	08E34595S01	CAP,CER 223-Z-B1H-CP
C504	08E31820S01	CAP,CER 104-K-B1E-CP
C505	08E31820S01	CAP,CER 104-K-B1E-CP
C506	08E28764S01	CAP,CER 101-J-SL1H-CP
C507	08E34595S01	CAP,CER 223-Z-B1H-CP
C508	08E28764S01	CAP,CER 101-J-SL1H-CP
C509	08E34595S01	CAP,CER 223-Z-B1H-CP
C510	08E28764S01	CAP,CER 101-J-SL1H-CP
C511	08E34595S01	CAP,CER 223-Z-B1H-CP
C512	08E34595S01	CAP,CER 223-Z-B1H-CP
C513	08E33079S01	CAP,CER 104-Z-F1E-CP
C514	08E33079S01	CAP,CER 104-Z-F1E-CP
C515	08E33079S01	CAP,CER 104-Z-F1E-CP
C516	08E33079S01	CAP,CER 104-Z-F1E-CP
C517	08E33079S01	CAP,CER 104-Z-F1E-CP
C518	08E34593S01	CAP,CER 4R0-C-SL1H-CP
C519	08E28760S01	CAP,CER 10R-D-SL1H-CP
C520	08E33079S01	CAP,CER 104-Z-F1E-CP
C521	08E33079S01	CAP,CER 104-Z-F1E-CP
C522	08E31170S01	CAP,CER 223-K-B1H-CP
C523	08E34595S01	CAP,CER 223-Z-B1H-CP
C526	08E33109S01	CAP,CER 103-Z-B1H-CP
C529	08E31812S01	CAP,CER 68R-J-SL1H-CP
C530	08E31812S01	CAP,CER 68R-J-SL1H-CP
C531	08E31812S01	CAP,CER 68R-J-SL1H-CP
C532	08E31812S01	CAP,CER 68R-J-SL1H-CP
C533	08E31812S01	CAP,CER 68R-J-SL1H-CP
C534	08E31820S01	CAP,CER 104-K-B1E-CP

Symbol No.	Part No.	Description
C535	08E31812S01	CAP,CER 68R-J-SL1H-CP
C536	08E31812S01	CAP,CER 68R-J-SL1H-CP
C537	08E31812S01	CAP,CER 68R-J-SL1H-CP
C538	08E31812S01	CAP,CER 68R-J-SL1H-CP
C539	08E31812S01	CAP,CER 68R-J-SL1H-CP
C540	08E33109S01	CAP,CER 103-Z-B1H-CP
C541	08E33109S01	CAP,CER 103-Z-B1H-CP
C544	08E28769S01	CAP,CER 102-K-SL1H-CP
C545	08E31812S01	CAP,CER 68R-J-SL1H-CP
C546	08E31812S01	CAP,CER 68R-J-SL1H-CP
C601	08E33079S01	CAP,CER 104-Z-F1E-CP
C602	08E33079S01	CAP,CER 104-Z-F1E-CP
C603	08E33079S01	CAP,CER 104-Z-F1E-CP
C604	08E31820S01	CAP,CER 104-K-B1E-CP
C605	08E33079S01	CAP,CER 104-Z-F1E-CP
C606	08E32005S01	CAP,CER 20R-J-SL1H-CP
C607	08E32005S01	CAP,CER 20R-J-SL1H-CP
C608	08E31939S01	CAP,CER 471-J-SL1H-CP
C609	08E31816S01	CAP,CER 472-K-B1H-CP
C610	08E31816S01	CAP,CER 472-K-B1H-CP
C611	08E33079S01	CAP,CER 104-Z-F1E-CP
C612	08E33079S01	CAP,CER 104-Z-F1E-CP
C613	08E33079S01	CAP,CER 104-Z-F1E-CP
C614	08E33079S01	CAP,CER 104-Z-F1E-CP
C615	08E33079S01	CAP,CER 104-Z-F1E-CP
C616	08E31820S01	CAP,CER 104-K-B1E-CP
C617	08E31820S01	CAP,CER 104-K-B1E-CP
C618	08E33079S01	CAP,CER 104-Z-F1E-CP
C619	08E33079S01	CAP,CER 104-Z-F1E-CP
C622	08E33079S01	CAP,CER 104-Z-F1E-CP
C623	08E33079S01	CAP,CER 104-Z-F1E-CP
C624	08E33079S01	CAP,CER 104-Z-F1E-CP
C625	08E34596S01	CAP CER 2012-X7R-474-K-16V
C626	08E33109S01	CAP,CER 103-Z-B1H-CP
C627	08E33079S01	CAP,CER 104-Z-F1E-CP
C628	08E28764S01	CAP,CER 101-J-SL1H-CP
C629	08E31169S01	CAP,CER 121-J-SL1H-CP
C630	08E33079S01	CAP,CER 104-Z-F1E-CP
C631	08E34596S01	CAP CER 2012-X7R-474-K-16V
C632	08E33109S01	CAP,CER 103-Z-B1H-CP
C633	08E28764S01	CAP,CER 101-J-SL1H-CP
C634	08E31169S01	CAP,CER 121-J-SL1H-CP
C635	08E33079S01	CAP,CER 104-Z-F1E-CP
C636	08E33079S01	CAP,CER 104-Z-F1E-CP
C637	08E33079S01	CAP,CER 104-Z-F1E-CP
C638	08E33079S01	CAP,CER 104-Z-F1E-CP
C639	08E33079S01	CAP,CER 104-Z-F1E-CP
C640	08E33079S01	CAP,CER 104-Z-F1E-CP
C641	08E33079S01	CAP,CER 104-Z-F1E-CP

Symbol No.	Part No.	Description
C642	08E33079S01	CAP,CER 104-Z-F1E-CP
C643	08E33079S01	CAP,CER 104-Z-F1E-CP
C644	08E33079S01	CAP,CER 104-Z-F1E-CP
C647	08E33079S01	CAP,CER 104-Z-F1E-CP
C648	08E33079S01	CAP,CER 104-Z-F1E-CP
C652	08E28764S01	CAP,CER 101-J-SL1H-CP
C653	08E28764S01	CAP,CER 101-J-SL1H-CP
C654	08E28764S01	CAP,CER 101-J-SL1H-CP
C655	08E31812S01	CAP,CER 68R-J-SL1H-CP
C656	08E33079S01	CAP,CER 104-Z-F1E-CP
C657	08E33079S01	CAP,CER 104-Z-F1E-CP
C658	08E28769S01	CAP,CER 102-K-SL1H-CP
C659	08E28769S01	CAP,CER 102-K-SL1H-CP
C660	08E28769S01	CAP,CER 102-K-SL1H-CP
C661	08E33079S01	CAP,CER 104-Z-F1E-CP
C662	08E33079S01	CAP,CER 104-Z-F1E-CP
C663	08E33079S01	CAP,CER 104-Z-F1E-CP
C664	08E33109S01	CAP,CER 103-Z-B1H-CP
C665	08E34595S01	CAP,CER 223-Z-B1H-CP
C666	08E34594S01	CAP,CER 332-K-B1H-CP
C667	08E28764S01	CAP,CER 101-J-SL1H-CP
C668	08E28769S01	CAP,CER 102-K-SL1H-CP
E501	23E31017S01	CAP ELEC SHL 10/25-M-RD
E502	23E33115S01	CAP,ELEC,SHL 1/50-M-RD
E503	23E31017S01	CAP ELEC SHL 10/25-M-RD
E504	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E506	23E31017S01	CAP ELEC SHL 10/25-M-RD
E507	23E31017S01	CAP ELEC SHL 10/25-M-RD
E601	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E602	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E603	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E604	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E605	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E606	23E31018S01	CAP,ELEC,SHL 22/16-M-RD
E607	23E31018S01	CAP,ELEC,SHL 22/16-M-RD
E608	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E609	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E610	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E611	23E31018S01	CAP,ELEC,SHL 22/16-M-RD
E612	23E31018S01	CAP,ELEC,SHL 22/16-M-RD
E613	23E31018S01	CAP,ELEC,SHL 22/16-M-RD
E614	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E615	23E31017S01	CAP ELEC SHL 10/25-M-RD
E616	23E31017S01	CAP ELEC SHL 10/25-M-RD
E617	23E31019S01	CAP,ELEC,SHL 100/10-M-RD
E618	23E33117S01	CAP ELEC SHL 47/16-M-RD
E619	23E33117S01	CAP ELEC SHL 47/16-M-RD
E620	23E33117S01	CAP ELEC SHL 47/16-M-RD
E621	23E31019S01	CAP,ELEC,SHL 100/10-M-RD

Symbol No.	Part No.	Description
Resistors		
R501	06E28549S01	RES,CF,472-J-1/16-CP
R502	06E28549S01	RES,CF,472-J-1/16-CP
R503	06E28549S01	RES,CF,472-J-1/16-CP
R504	06E28549S01	RES,CF,472-J-1/16-CP
R505	06E28549S01	RES,CF,472-J-1/16-CP
R506	06E28549S01	RES,CF,472-J-1/16-CP
R507	06E24394S01	RES,CF, 161R-J-1/4-CP
R508	06E24394S01	RES,CF, 161R-J-1/4-CP
R509	06E24394S01	RES,CF, 161R-J-1/4-CP
R510	06E24394S01	RES,CF, 161R-J-1/4-CP
R511	06E31153S01	RES,CF,222-J-1/16-CP
R512	06E31152S01	RES,CF,152-J-1/16-CP
R513	06E31152S01	RES,CF,152-J-1/16-CP
R514	06E31153S01	RES,CF,222-J-1/16-CP
R515	06E31160S01	RES,CF,473-J-1/16-CP
R516	06E28555S01	RES,CF,153-J-1/16-CP
R517	06E31809S01	RES,CF,822-F-1/16-CP
R518	06E28534S01	RES,CF,103-J-1/16-CP
R519	06E28794S01	RES,CF,273-J-1/16-CP
R520	06E31685S01	RES,CF,105-J-1/16-CP
R521	06E31807S01	RES,CF,334-J-1/16-CP
R522	06E28797S01	RES,CF,474-J-1/16-CP
R523	06E31153S01	RES,CF,222-J-1/16-CP
R525	06E28549S01	RES,CF,472-J-1/16-CP
R526	06E28549S01	RES,CF,472-J-1/16-CP
R527	06E28549S01	RES,CF,472-J-1/16-CP
R528	06E28535S01	RES,CF,223-J-1/16-CP
R529	06E28535S01	RES,CF,223-J-1/16-CP
R530	06E28534S01	RES,CF,103-J-1/16-CP
R531	06E31160S01	RES,CF,473-J-1/16-CP
R532	06E28551S01	RES,CF,274-J-1/16-CP
R533	06E32203S01	RES,CF,164-J-1/16-CP
R534	06E28533S01	RES,CF,102-J-1/16-CP
R535	06E31160S01	RES,CF,473-J-1/16-CP
R537	06E31809S01	RES,CF,822-F-1/16-CP
R538	06E31809S01	RES,CF,822-F-1/16-CP
R539	06E31809S01	RES,CF,822-F-1/16-CP
R542	06E28533S01	RES,CF,102-J-1/16-CP
R543	06E28533S01	RES,CF,102-J-1/16-CP
R544	06E28533S01	RES,CF,102-J-1/16-CP
R545	06E28533S01	RES,CF,102-J-1/16-CP
R546	06E28533S01	RES,CF,102-J-1/16-CP
R547	06E28533S01	RES,CF,102-J-1/16-CP
R548	06E31160S01	RES,CF,473-J-1/16-CP
R550	06E33329S01	RES,CF,511-J-1/16-CP
R551	06E33329S01	RES,CF,511-J-1/16-CP
R552	06E34592S01	RES,CF,161-J-1/16-CP

Symbol No.	Part No.	Description
R553	06E34592S01	RES,CF,161-J-1/16-CP
R554	06E22548S01	RES,CF, 471-J-1/4-CP
R555	06E28534S01	RES,CF,103-J-1/16-CP
R556	06E28624S01	RES,CF,0R0-J-1/16-CP
R557	06E28624S01	RES,CF,0R0-J-1/16-CP
R558	06E28533S01	RES,CF,102-J-1/16-CP
R559	06E28535S01	RES,CF,223-J-1/16-CP
R560	06E28549S01	RES,CF,472-J-1/16-CP
R564	06E28533S01	RES,CF,102-J-1/16-CP
R568	06E31160S01	RES,CF,473-J-1/16-CP
R569	06E28549S01	RES,CF,472-J-1/16-CP
R575	06E28533S01	RES,CF,102-J-1/16-CP
R601	06E31685S01	RES,CF,105-J-1/16-CP
R602	06E31148S01	RES,CF,101-J-1/16-CP
R603	06E31809S01	RES,CF,822-F-1/16-CP
R604	06E31156S01	RES,CF,512-J-1/16-CP
R605	06E28533S01	RES,CF,102-J-1/16-CP
R607	06E28534S01	RES,CF,103-J-1/16-CP
R611	06E28533S01	RES,CF,102-J-1/16-CP
R612	06E28533S01	RES,CF,102-J-1/16-CP
R614	06E28624S01	RES,CF,0R0-J-1/16-CP
R615	06E28624S01	RES,CF,0R0-J-1/16-CP
R616	06E28624S01	RES,CF,0R0-J-1/16-CP
R623	06E28624S01	RES,CF,0R0-J-1/16-CP
R624	06E28624S01	RES,CF,0R0-J-1/16-CP
R625	06E28533S01	RES,CF,102-J-1/16-CP
R626	06E28555S01	RES,CF,153-J-1/16-CP
R627	06E28533S01	RES,CF,102-J-1/16-CP
R628	06E28533S01	RES,CF,102-J-1/16-CP
R629	06E28534S01	RES,CF,103-J-1/16-CP
R630	06E28549S01	RES,CF,472-J-1/16-CP
R631	06E28534S01	RES,CF,103-J-1/16-CP
R632	06E31148S01	RES,CF,101-J-1/16-CP
R633	06E28533S01	RES,CF,102-J-1/16-CP
R634	06E28533S01	RES,CF,102-J-1/16-CP
R635	06E28624S01	RES,CF,0R0-J-1/16-CP
R636	06E28624S01	RES,CF,0R0-J-1/16-CP
R643	06E28624S01	RES,CF,0R0-J-1/16-CP
R644	06E28624S01	RES,CF,0R0-J-1/16-CP
R645	06E28533S01	RES,CF,102-J-1/16-CP
R646	06E28555S01	RES,CF,153-J-1/16-CP
R647	06E28534S01	RES,CF,103-J-1/16-CP
R648	06E28549S01	RES,CF,472-J-1/16-CP
R649	06E28534S01	RES,CF,103-J-1/16-CP
R650	06E28533S01	RES,CF,102-J-1/16-CP
R651	06E28533S01	RES,CF,102-J-1/16-CP
R652	06E31148S01	RES,CF,101-J-1/16-CP
R653	06E28624S01	RES,CF,0R0-J-1/16-CP
R654	06E28624S01	RES,CF,0R0-J-1/16-CP

Symbol No.	Part No.	Description
R655	06E28624S01	RES,CF,0R0-J-1/16-CP
R659	06E28549S01	RES,CF,472-J-1/16-CP
R661	06E28533S01	RES,CF,102-J-1/16-CP
R662	06E28533S01	RES,CF,102-J-1/16-CP
R663	06E28533S01	RES,CF,102-J-1/16-CP
R664	06E28624S01	RES,CF,0R0-J-1/16-CP
R665	06E28624S01	RES,CF,0R0-J-1/16-CP
R666	06E28624S01	RES,CF,0R0-J-1/16-CP
R667	06E28624S01	RES,CF,0R0-J-1/16-CP
R668	06E28624S01	RES,CF,0R0-J-1/16-CP
R669	06E28624S01	RES,CF,0R0-J-1/16-CP
R683	06E28624S01	RES,CF,0R0-J-1/16-CP
R684	06E28624S01	RES,CF,0R0-J-1/16-CP
R685	06E28624S01	RES,CF,0R0-J-1/16-CP
R686	06E28624S01	RES,CF,0R0-J-1/16-CP
R687	06E28624S01	RES,CF,0R0-J-1/16-CP
R688	06E28624S01	RES,CF,0R0-J-1/16-CP
R689	06E28624S01	RES,CF,0R0-J-1/16-CP
R690	06E28624S01	RES,CF,0R0-J-1/16-CP
R691	06E28624S01	RES,CF,0R0-J-1/16-CP
R692	06E28624S01	RES,CF,0R0-J-1/16-CP
R695	06E31153S01	RES,CF,222-J-1/16-CP
R696	06E31153S01	RES,CF,222-J-1/16-CP
R697	06E31153S01	RES,CF,222-J-1/16-CP
R698	06E31153S01	RES,CF,222-J-1/16-CP
R700	06E31160S01	RES,CF,473-J-1/16-CP
R701	06E28533S01	RES,CF,102-J-1/16-CP
R702	06E28624S01	RES,CF,0R0-J-1/16-CP
R703	06E28624S01	RES,CF,0R0-J-1/16-CP
R704	06E33329S01	RES,CF,511-J-1/16-CP
R705	06E33329S01	RES,CF,511-J-1/16-CP
R709	06E34592S01	RES,CF,161-J-1/16-CP
R710	06E34592S01	RES,CF,161-J-1/16-CP
R711	06E28534S01	RES,CF,103-J-1/16-CP
R712	06E28624S01	RES,CF,0R0-J-1/16-CP
R715	06E28624S01	RES,CF,0R0-J-1/16-CP
R716	06E28624S01	RES,CF,0R0-J-1/16-CP
R717	06E28534S01	RES,CF,103-J-1/16-CP
R718	06E28534S01	RES,CF,103-J-1/16-CP
R719	06E28534S01	RES,CF,103-J-1/16-CP
R720	06E33329S01	RES,CF,511-J-1/16-CP
R721	06E28533S01	RES,CF,102-J-1/16-CP
R722	06E31160S01	RES,CF,473-J-1/16-CP
R723	06E31160S01	RES,CF,473-J-1/16-CP
R724	06E31160S01	RES,CF,473-J-1/16-CP
R725	06E28537S01	RES,CF,104-J-1/16-CP
R726	06E28535S01	RES,CF,223-J-1/16-CP
R727	06E28549S01	RES,CF,472-J-1/16-CP
R729	06E28535S01	RES,CF,223-J-1/16-CP

Symbol No.	Part No.	Description
Connectors		
CH101	09E34589S01	CONN BASE, GIL-S-07P-S2T2
CH301	09E34590S01	CONN BASE, GIL-S-14P-S2T2
CH302	09E22533S01	CONN BASE, GIL-S-09P-S2T2
CH501	09E11157S01	CONN BASE, GIL-S-06P-S2T2
CH502	09E34588S01	CONN BASE, GIL-S-07P-S2L2
Miscellaneous		
CB602	09E22881S01	TERM HOU 5569-6A1(POWER SUPPLY)
DIN1	09T55071W02	CONN,TCP9389-21-1030W02 (CHANGER IN·ANALOG 3)
DIN2	09T55071W02	CONN,TCP9389-21-1030W02 (Ai-NET IN·ANALOG 2)
DIN13G2	09E24355S01	DIN SOCKET,13P(CONTROL UNIT)
IC609	51T45265W03	TORX193-WS(OPTICAL INPUT· CD/DVD H.U.·DIGITAL 1)
IC610	51T45265W03	TORX193-WS(OPTICAL INPUT· CHG·DIGITAL 2)
IC611	51T45265W03	TORX193-WS(OPTICAL INPUT· DVD·DIGITAL 3)
JAC3P	09E34591S01	JACK MONO(DKE13000)(MIC)
JK2	09E34572S01	JACK RCA 4P(W/R/B)(RCA OUTPUT· FRONT 1(FULL RANGE/TWEETER)/ FRONT 2)
JK3	09E34573S01	JACK RCA 4P(W/R)(RCA OUTPUT· REAR/SUBWOOFER(CENTER/SELECTABLE SUBWOOFER))
JK4	09E34574S01	JACK RCA 3P(B/W/R)(RCA INPUT· ANALOG1(R)/ANALOG1(L)/GIUDE)

Symbol No.	Part No.	Description

Cabinet Assembly Parts List (PROCESSOR Unit)

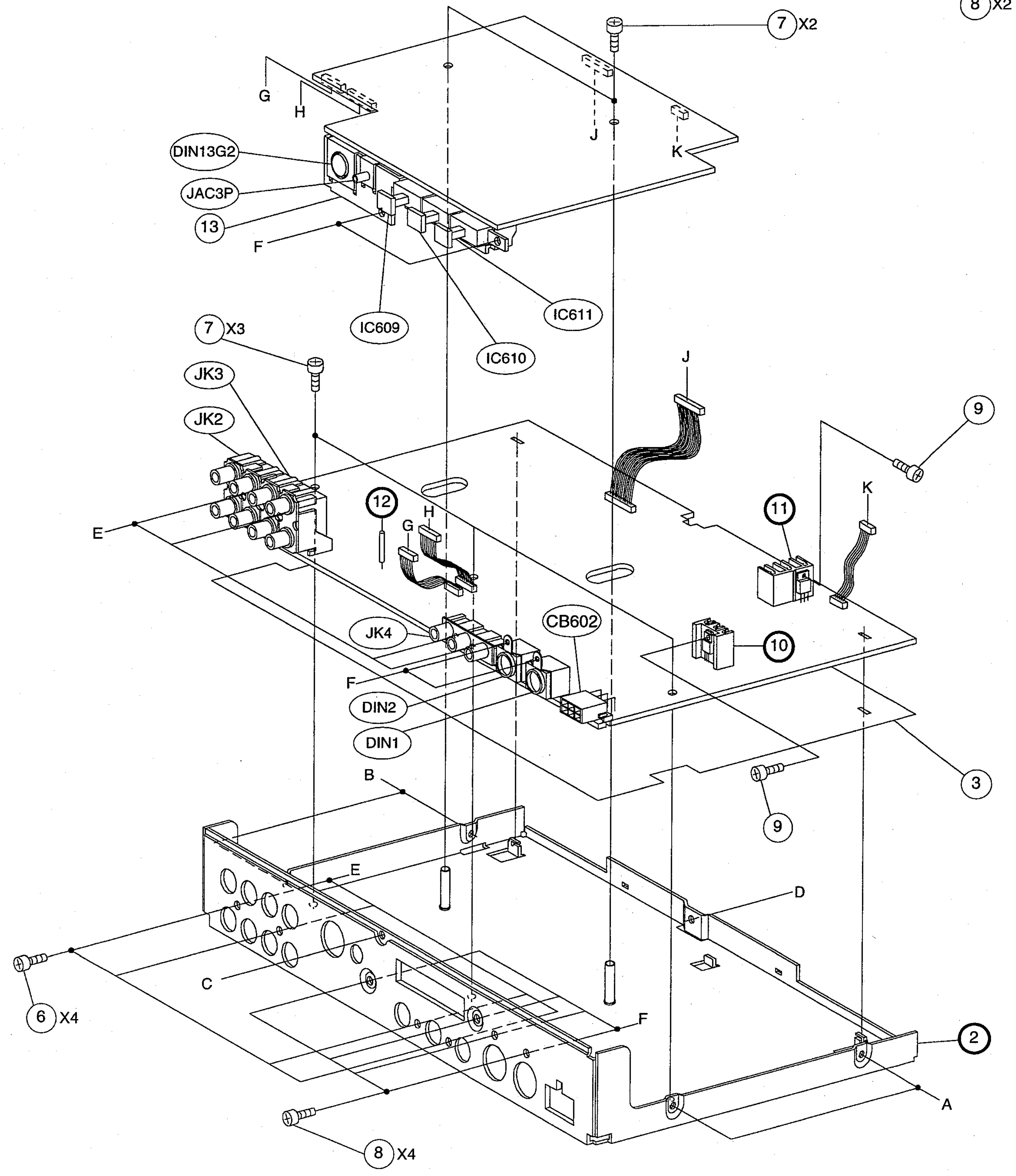
NOTE:The part that has not PART NUMBER will not be supplied.

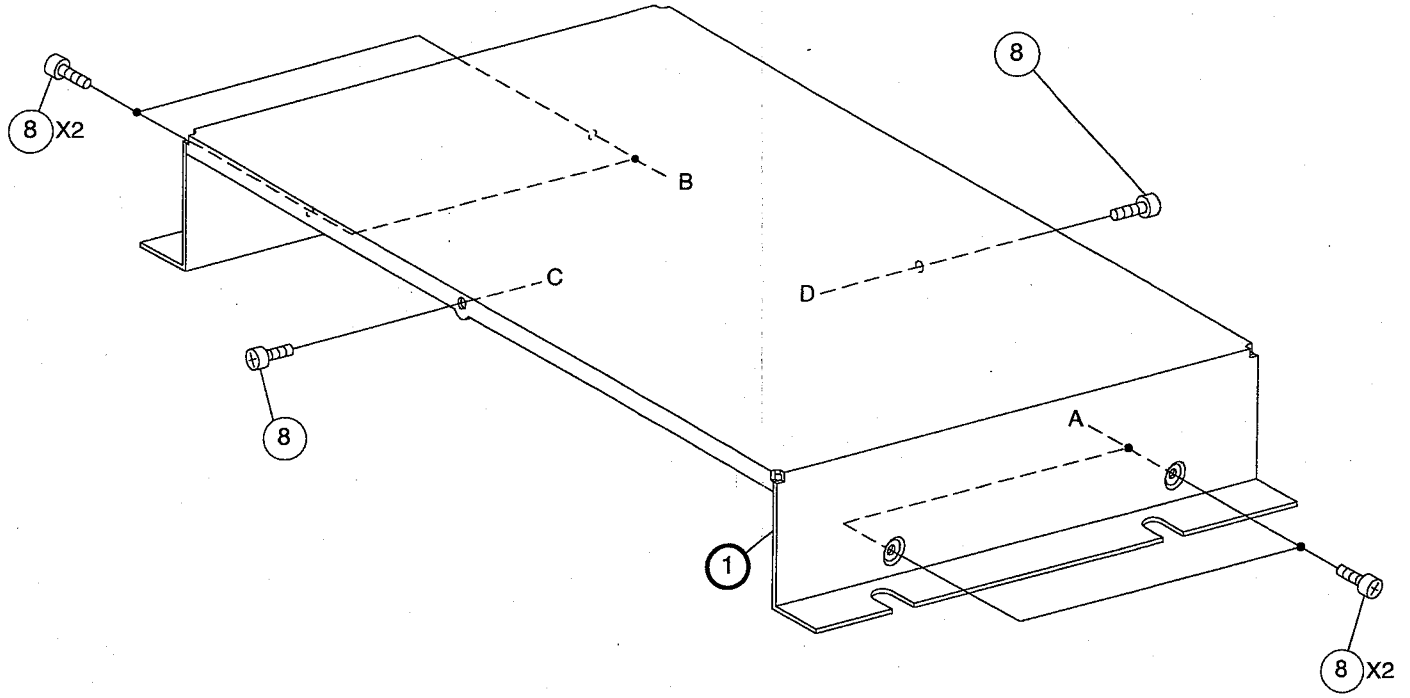
Symbol No.	Index	Part No.	Description
1		---------	TOP, COVER
2		---------	CHAS MAIN
3		14E34599S01	INSULATOR MAIN
6		03E09416S09	SCR M3X10(P)TPG-TPT (BLK)
7		03E09417S01	SCR M2.6X5(B)MCH-TPT (WHT)
8		03E22133S01	SCR M2.6X6(B)MCH-TPT(BLK)
9		03E09416S10	SCR M3X8(P)TPG-TPT(BLK)
10		---------	HEAT, SINK
11		---------	HEAT, SINK
12		---------	FORMING PIN
13		07E34587S01	BKT, CONNECTOR

Symbol No.	Index	Part No.	Description

Exploded View (Cabinet)

<PROCESSOR Unit>


7 X2
G
H
J
K
DIN13G2
JAC3P
13
F
IC609
IC610
IC611
7 X3
JK3
JK2
J
9
11
K
12
G
H
E
JK4
CB602
10
F
DIN2
DIN1
3
B
9
E
D
C
6 X4
F
2
A
8 X4


8 X2
B
8
C
D
8
A
1
8 X2

- COMMANDER UNIT -

Parts Layout on P.W.Board and Wiaring Diagram .... 46~49
Schematic Diagram .... 50~53
Terminal Voltage of IC/TR 54
Electrical Parts List .... 55~59
Cabinet Assembly Parts List 61
Exploded View (Cabinet) (COMMANDER UNIT) 62

NOTE : Due to continuing product improvement, specifications and designs are subject to change without notice.

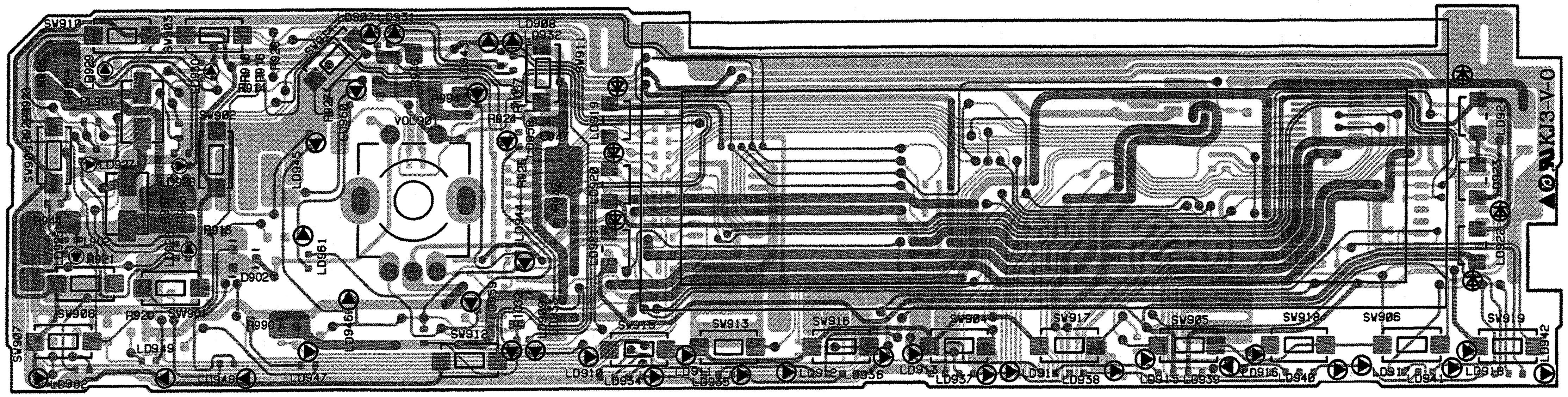
注記：規格および外観は、改良の為、予告なく変更することがあります。

Parts Layout on P.W.Boards and Wiring Diagram (1/2)

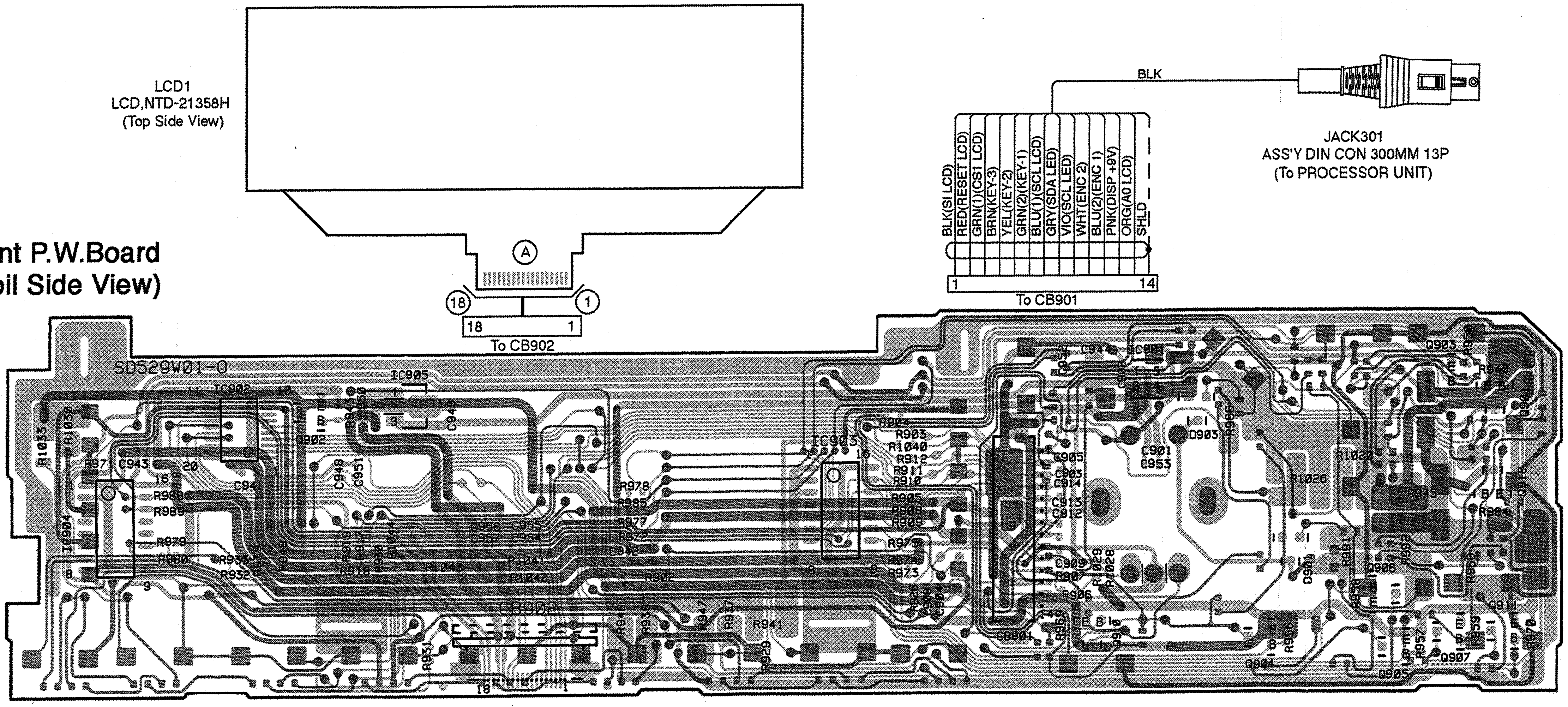
(General Foreign Model Only)

Dark Gray : Component Side Pattern
Gray : Foil Side Pattern

Front P.W.Board (Component Side View)


SW910
SW903
LD907
LD931
LD908
LD932
SW911
VOL901
PL901
SW902
LD927
LD928
SW909
R915
R921
D902
LD961
LD946
LD945
LD919
LD920
LD944
R924
SW908
R920
SW901
R990
LD949
SW907
LD902
LD948
LD947
SW912
SW915
SW913
SW916
SW904
SW917
SW905
SW918
SW906
SW919
LD910
LD934
LD911
LD935
LD912
LD936
LD913
LD937
LD914
LD938
LD915
LD939
LD916
LD940
LD917
LD941
LD918
LD942
LD921
LD922
LD926

Front P.W.Board (Foil Side View)

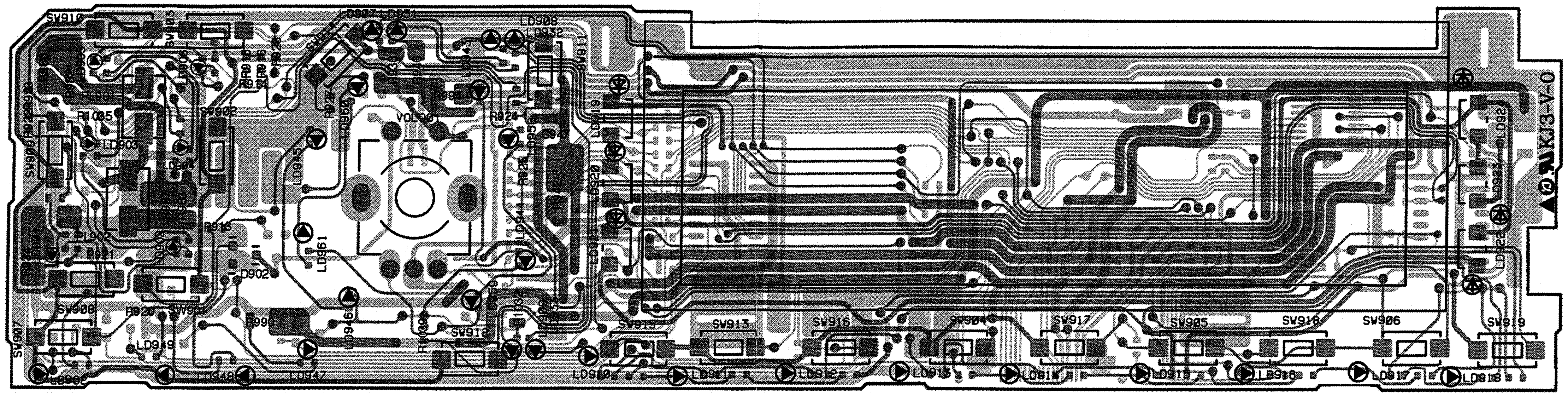

LCD1
LCD,NTD-21358H
(Top Side View)
Ⓐ
⑱
①
18
1
To CB902
BLK
BLK(SI LCD)
RED(RESET LCD)
GRN(1)(CS1 LCD)
BRN(KEY-3)
YEL(KEY-2)
GRN(2)(KEY-1)
BLU(1)(SCL LCD)
GRY(SDA LCD)
VIO(SCL LED)
WHT(ENC 2)
BLU(2)(ENC 1)
PNK(DISP +9V)
ORG(A0 LCD)
SHLD
1
14
To CB901
JACK301
ASS'Y DIN CON 300MM 13P
(To PROCESSOR UNIT)
SD529W01-0
IC902
IC905
IC903
IC904
R1033
R1036
C943
R988
R989
R979
R980
R932
Q902
C948
C951
C949
R978
R985
R977
C956
C957
C955
C954
R1043
R902
R941
R946
R937
R947
R929
R951
CB902
R904
R903
R1040
R912
R911
R910
R905
R908
R909
R975
R923
C944
C901
C953
D903
C905
C903
C914
C913
C912
C909
R907
R1029
R1028
R906
CB901
Q904
R1032
R1026
Q903
R942
Q906
Q905
Q907
R957
R970

Parts Layout on P.W.Boards and Wiring Diagram (2/2)

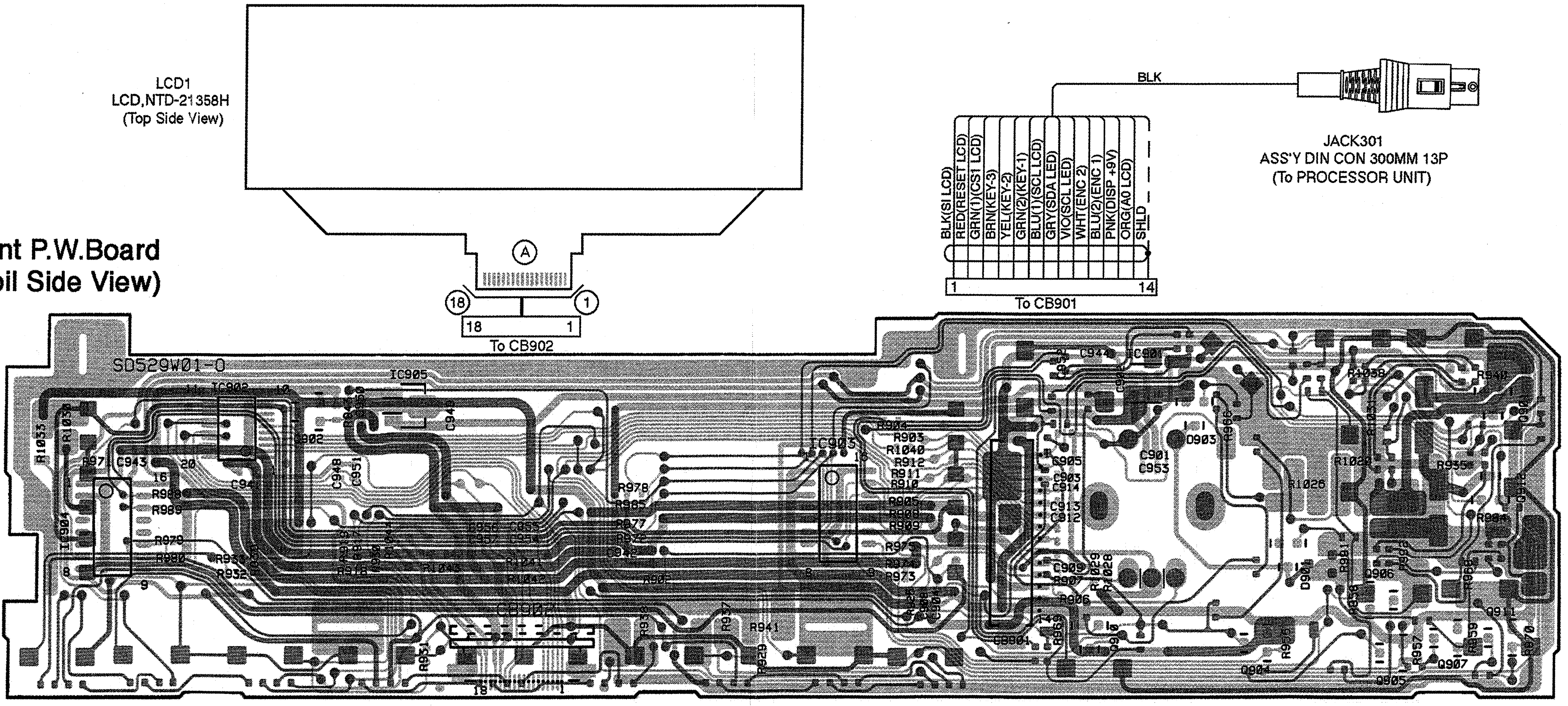
(Japanese Model Only)

ダークグレー：部品取付側パターン
グレー：半田付側パターン

Front P.W.Board (Component Side View)


SW910
SW907
SW908
SW909
SW912
SW915
SW913
SW916
SW904
SW917
SW905
SW918
SW906
SW919
VOL90
LD902
LD910
LD916
LD912
LD915
LD914
LD913
LD917
LD918
KJ3-V-0

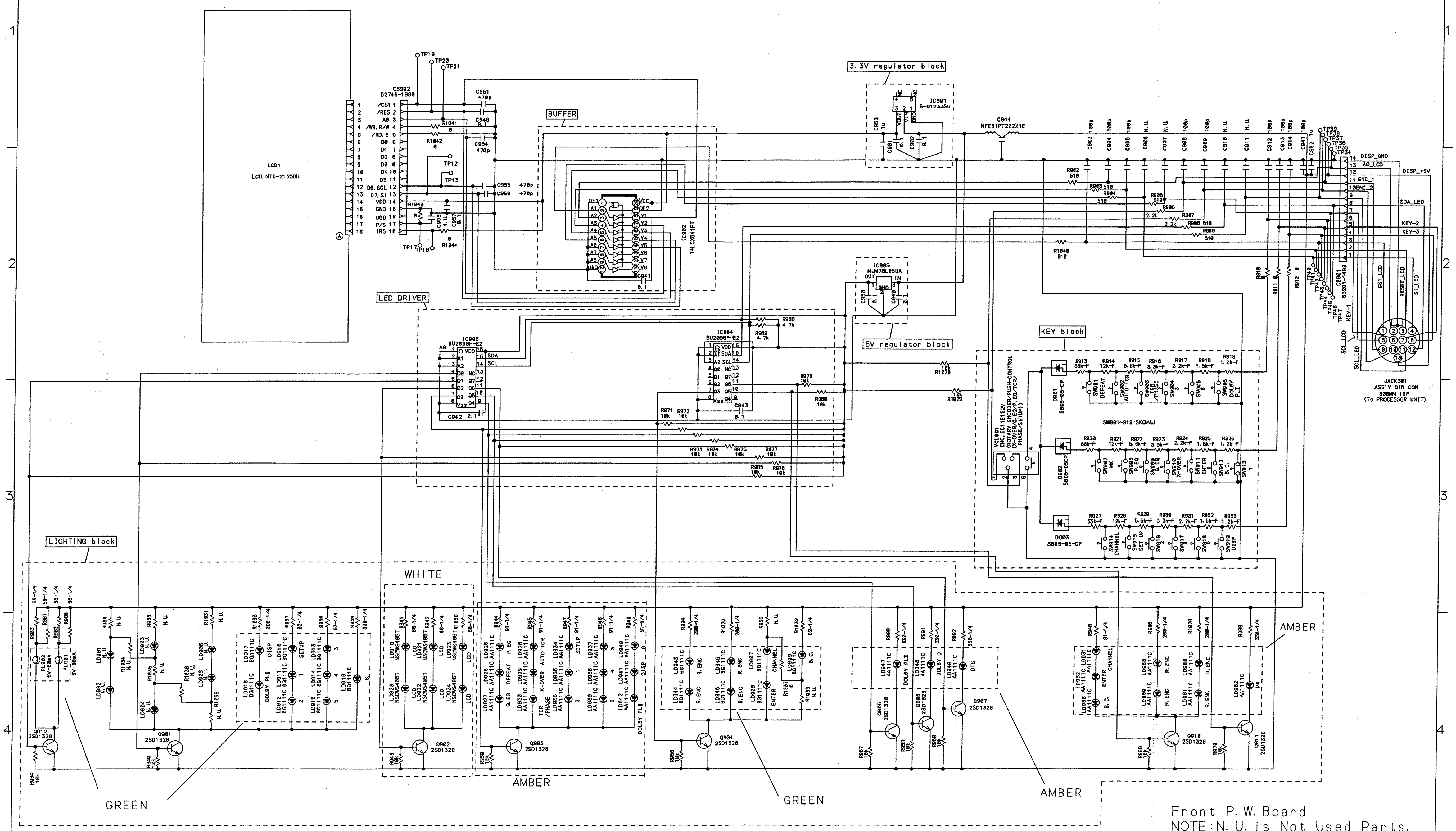
Front P.W.Board (Foil Side View)


LCD1
LCD,NTD-21358H
(Top Side View)
A
18
1
To CB902
BLK
JACK301
ASS'Y DIN CON 300MM 13P
(To PROCESSOR UNIT)
BLK(SI LCD)
RED(RESET LCD)
GRN(1)(CS1 LCD)
BRN(KEY-3)
YEL(KEY-2)
GRN(2)(KEY-1)
BLU(1)(SCL LCD)
GRY(SDA LCD)
VIO(SCL LED)
WHT(ENC 2)
BLU(2)(ENC 1)
PNK(DISP +9V)
ORG(A0 LCD)
SHLD
1
14
To CB901
SD529W01-0
IC905
IC902
IC904
CB902
CB901
C943
C948
C951
R978
R903
R1040
R912
R911
R910
C905
C903
C914
C913
C912
C901
C953
D903
R1026
R1022
D906
Q904
Q905
Q907
Q911

Schematic Diagram (1/2)

<General Foreign Model Only>

PXA-H700

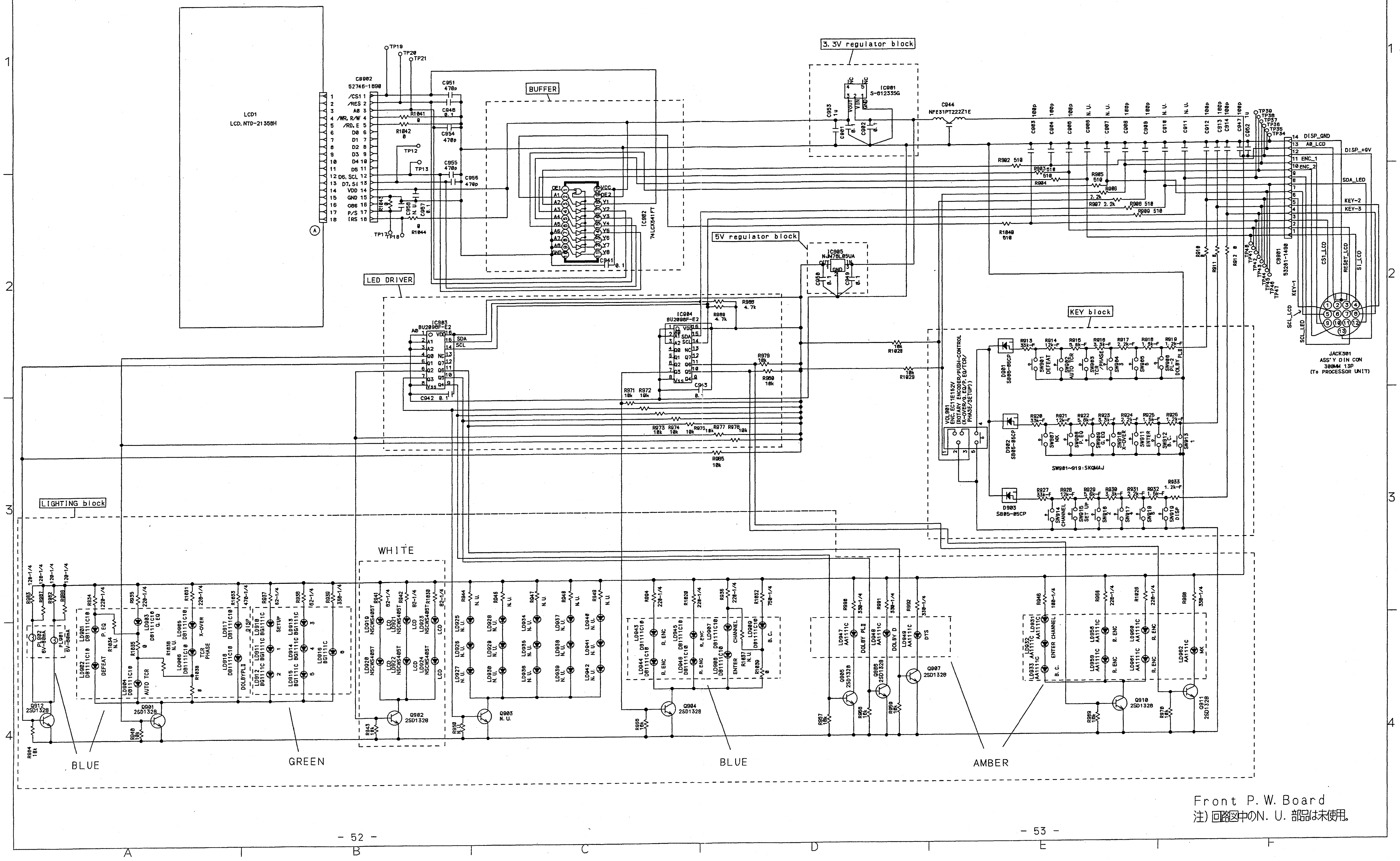


A
B
C
D
E
F
1
2
3
4
LCD1
LCD, NTD-21350H
CN902
52746-1898
/CS1 1
/RES 2
A0 3
/WR, R/W 4
/RD, E 5
D0 6
D1 7
D2 8
D3 9
D4 10
D5 11
D6, SCL 12
D7, SI 13
VDD 14
GND 15
DBB 16
P/S 17
IRS 18
TP19
TP20
TP21
TP12
TP13
TP17
TP18
C951 470p
C948 0.1
C954 470p
C955 470p
C956 470p
R1041 0
R1042 0
R1043 0
R1044 0
C958 N.U.
C957 0.1
BUFFER
IC902
74LCX541FT
OE1
OE2
VCC
A1
A2
A3
A4
A5
A6
A7
A8
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
GND
C941 0.1
3.3V regulator block
IC901
S-81233SG
VOUT
VIN
GND
C953 1u
C951 0.1
C952 0.1
C944
NFE31PT222Z1E
IC905
NJM78L05UA
OUT
IN
GND
C950 0.1
C949 0.1
5V regulator block
LED DRIVER
IC903
BU2099F-E2
IC904
BU2090F-E2
VDD
SDA
SCL
A0
A1
A2
NC
Q0
Q1
Q2
Q3
Q4
Q5
Q6
Q7
Q8
Q9
Q10
Q11
VSS
C942 0.1
C943 0.1
R988 4.7k
R989 4.7k
R970 10k
R980 10k
R971 10k
R972 10k
R973 10k
R974 10k
R975 10k
R976 10k
R977 10k
R978 10k
R985 10k
R1020 10k
R1029 10k
R902 510
R903 510
R904 510
R905 510
R906 2.2k
R907 2.2k
R908 510
R909 510
R1040 510
R910 0
R911 0
R912 0
C903 100p
C904 100p
C905 100p
C906 N.U.
C907 N.U.
C908 100p
C909 100p
C910 N.U.
C911 N.U.
C912 100p
C913 100p
C914 100p
C947 100p
C962 1u
TP30
TP36
TP37
TP38
TP35
TP34
TP39
TP40
TP41
TP42
TP43
TP44
TP45
TP46
TP47
CN901
83201-1490
DISP_GND
A0_LCD
DISP_+9V
ENC_1
ENC_2
SDA_LED
KEY-2
KEY-3
KEY-1
CS1_LCD
RESET_LCD
SI_LCD
SCL_LCD
SCL_LED
JACK301
ASS'Y DIN CON
300MM 13P
(To PROCESSOR UNIT)
KEY block
VOL901
EVQ-V0E11E152V
(ROTARY ENCODER/PUSH-CONTROL
/X-OVER/G.EQ/P.EQ/TCR/
PHASE/SETUP)
D901
SB05-05-CP
D902
SB05-05CP
D903
SB05-05-CP
R913 33k-F
R914 12k-F
R915 5.6k-F
R916 3.3k-F
R917 2.2k-F
R918 1.5k-F
R919 1.2k-F
R920 33k-F
R921 12k-F
R922 5.6k-F
R923 3.3k-F
R924 2.2k-F
R925 1.5k-F
R926 1.2k-F
R927 33k-F
R928 12k-F
R929 5.6k-F
R930 3.3k-F
R931 2.2k-F
R932 1.5k-F
R933 1.2k-F
SW901~919:SKQMAJ
DEFEAT
AUTO TCR
P.EQ
G.EQ
TCR/PHASE
X-OVER
DOLBY PLⅡ
MX
ENTER
B.C.
CHANNEL
SET UP
DISP
LIGHTING block
WHITE
AMBER
GREEN
PL901
PL902
6V-80mA
Q912 2SD1328
Q901 2SD1328
Q902 2SD1328
Q903 2SD1328
Q904 2SD1328
Q905 2SD1328
Q906 2SD1328
Q907 2SD1328
Q910 2SD1328
Q911 2SD1328
BG1111C
NSCW405T
AA1111C
R.ENC
DOLBY D
DTS
SETUP
Front P.W. Board
NOTE:N.U. is Not Used Parts.

PXA-H700

Schematic Diagram (2/2)

<Japanese Model Only>


A
B
C
D
E
F
1
2
3
4
LCD1
LCD, NTD-21358H
CN902
52746-1890
/CS1
/RES
A0
/WR, R/W
/RD, E
D0
D1
D2
D3
D4
D5
D6, SCL
D7, SI
VDD
GND
OSC
P/S
IRS
TP19
TP20
TP21
TP12
TP13
TP17
TP18
C951 470p
C948
C954 470p
C955 470p
C956 470p
R1041
R1042
R1044
BUFFER
IC902
74LCX541FT
OE1
OE2
VCC
Y1
Y2
Y3
Y4
Y5
Y6
Y7
Y8
GND
C941 0.1
3.3V regulator block
IC901
S-812335G
C953 1u
C944
NFE31PT222Z1E
5V regulator block
IC905
NJM78L05UA
LED DRIVER
IC903
BU2098F-E2
IC904
BU2098F-E2
SDA
SCL
C942 0.1
C943
R980 4.7k
R989 4.7k
R979 10k
R950 10k
R971 10k
R972 10k
R973 10k
R974 10k
R975 10k
R977 10k
R978 10k
R985 10k
R1028 10k
R1029 10k
R902 510
R903 510
R904
R905 510
R906
R907 2.2k
R908 510
R909 510
R1040 510
R910
R911
R912
CN901
53261-1490
DISP_GND
AB_LCD
DISP_+9V
ENC_1
ENC_2
SDA_LED
KEY-2
KEY-3
KEY-1
CS1_LCD
RESET_LCD
SI_LCD
SCL_LCD
SCL_LED
JACK301
ASS'Y DIN CON
300MM 13P
(To PROCESSOR UNIT)
KEY block
VOL901
EVQ-CT153V
(ROTARY ENCODER/PUSH-CONTROL
(X-OVER/G.EQ/P.EQ/TCR/
PHASE/SET(UP))
D901
S5808-05CP
D902
S5808-05CP
D903
S5808-05CP
SW901~919:SKQMAJ
DEFEAT
AUTO TCR
TCR/PHASE
DOLBY PLII
MIX
P.EQ
G.EQ
X-OVER
ENTER
CHANNEL
SET UP
DISP
LIGHTING block
WHITE
BLUE
GREEN
BLUE
AMBER
Q901 2SD1328
Q902 2SD1328
Q903 N.U.
Q904 2SD1328
Q905 2SD1328
Q906 2SD1328
Q907 2SD1328
Q910 2SD1328
Q911 2SD1328
Q912 2SD1328
PL901 6V-80mA
PL902 6V-80mA
DB111C10
BG111C
NSCW405T
AA111C
N.U.
R.ENC
DOLBY D
DTS
B.C.

Front P. W. Board

注) 回路図中のN. U. 部品は未使用。

(Front P.W.Board)

IC901	
1	0
2	7.9
3	3.4
4	3.4
5	3.4

IC902			
1	0	11	0
2	4.3	12	0
3	0.6	13	0
4	4.9	14	0
5	0	15	0
6	0.4	16	3.4
7	0	17	0.4
8	0	18	2.9
9	0	19	0
10	0	20	3.4

IC903			
1	0	9	0
2	0	10	0
3	0	11	0
4	0.7	12	0
5	0.7	13	0
6	0.7	14	4.9
7	0	15	4.9
8	0	16	4.9

IC904			
1	0	9	0
2	0	10	0
3	4.9	11	0
4	0	12	0
5	0	13	0
6	0	14	4.9
7	0.7	15	4.9
8	0	16	4.9

IC905	
1	5.8
2	0
3	7.9

	E	C	B
Q901	0	0	0.7
Q902	0	0	0.7
Q904	0	0	0.7
Q905	0	7.2	0
Q906	0	7.2	0
Q907	0	7.2	0
Q910	0	5.8	0
Q911	0	0	0.7
Q912	0	0	0.7

[Measuring Conditions]
·Power Supply Voltage :DC16V
·Measuring Meter :Digital Multi Voltmeter
·Measuring Point Reference :Between GND
·Measuring Condition :No Load resistor

[端子電圧測定条件]
・電源電圧 :DC16V
・測定機器 :ﾃﾞｼﾞﾀﾙ･ﾏﾙﾁ･ﾒｰﾀｰ
・測定基準 :対ｱｰｽ間
・測定条件 :無負荷

PXA-H700

Electrical Parts List

Capacitor : μF=microfarads,pF=picofarads

Abbreviations

RES.= Resistor
C.F.= Carbon Film
M.F.= Metal Film
M.O.= Metal OxideFilm
M.P.= Metal Plate
TR. = Transistor
TRANS.= Transformer
CP. = Chip

CAP.= Capacitor
ELY.= Electrolytic
CER.= Ceramic
MYL.= Mylar
TAN.= Tantalum
POLY.= Polystyrol
PP. = Polypropylene
PLT.= Polyethylene
PF. = Polyester Film

Symbol No.	Part No.	Description
Front P.W.Board(○)		
IC's		
IC901	51T15490Y03	IC S-81233SG
IC902	51T25501Y01	IC, 74LCX541FT-EL-SE5
IC903	51T55576Y01	BU2098F-E2-SE5
IC904	51T55576Y01	BU2098F-E2-SE5
IC905	51E28014S01	IC, NJM78L05UA-TE1
Transistors		
Q901	48T63788F01	TR, CP, 2SD1328-TX
Q902	48T63788F01	TR, CP, 2SD1328-TX
Q903	48T63788F01	TR, CP, 2SD1328-TX
Q904	48T63788F01	TR, CP, 2SD1328-TX
Q905	48T63788F01	TR, CP, 2SD1328-TX
Q906	48T63788F01	TR, CP, 2SD1328-TX
Q907	48T63788F01	TR, CP, 2SD1328-TX
Q910	48T63788F01	TR, CP, 2SD1328-TX
Q911	48T63788F01	TR, CP, 2SD1328-TX
Q912	48T63788F01	TR, CP, 2SD1328-TX
Diodes		
D901	48T15702W01	DIO,CP SB05-05-CP
D902	48T15702W01	DIO,CP SB05-05CP
D903	48T15702W01	DIO,CP SB05-05-CP
LED's		
LD907	48T25534Y01	LED GRN BG1111C-CP
LD908	48T25534Y01	LED GRN BG1111C-CP
LD909	48T25534Y01	LED GRN BG1111C-CP
LD910	48T25534Y01	LED GRN BG1111C-CP
LD911	48T25534Y01	LED GRN BG1111C-CP
LD912	48T25534Y01	LED GRN BG1111C-CP
LD913	48T25534Y01	LED GRN BG1111C-CP
LD914	48T25534Y01	LED GRN BG1111C-CP
LD915	48T25534Y01	LED GRN BG1111C-CP
LD916	48T25534Y01	LED GRN BG1111C-CP
LD917	48T25534Y01	LED GRN BG1111C-CP
LD918	48T25534Y01	LED GRN BG1111C-CP
LD919	48T45280Y01	LED WHT NSCWS405T-E2
LD920	48T45280Y01	LED WHT NSCWS405T-E2
LD921	48T45280Y01	LED WHT NSCWS405T-E2
LD922	48T45280Y01	LED WHT NSCWS405T-E2
LD923	48T45280Y01	LED WHT NSCWS405T-E2
LD924	48T45280Y01	LED WHT NSCWS405T-E2
LD925	48T25534Y03	LED AMB AA1111C-CP
LD926	48T25534Y03	LED AMB AA1111C-CP
LD927	48T25534Y03	LED AMB AA1111C-CP
LD928	48T25534Y03	LED AMB AA1111C-CP
LD929	48T25534Y03	LED AMB AA1111C-CP
LD930	48T25534Y03	LED AMB AA1111C-CP
LD931	48T25534Y03	LED AMB AA1111C-CP
LD932	48T25534Y03	LED AMB AA1111C-CP
LD933	48T25534Y03	LED AMB AA1111C-CP
LD934	48T25534Y03	LED AMB AA1111C-CP
LD935	48T25534Y03	LED AMB AA1111C-CP
LD936	48T25534Y03	LED AMB AA1111C-CP
LD937	48T25534Y03	LED AMB AA1111C-CP
LD938	48T25534Y03	LED AMB AA1111C-CP
LD939	48T25534Y03	LED AMB AA1111C-CP
LD940	48T25534Y03	LED AMB AA1111C-CP
LD941	48T25534Y03	LED AMB AA1111C-CP
LD942	48T25534Y03	LED AMB AA1111C-CP
LD943	48T25534Y01	LED GRN BG1111C-CP
LD944	48T25534Y01	LED GRN BG1111C-CP
LD945	48T25534Y01	LED GRN BG1111C-CP
LD946	48T25534Y01	LED GRN BG1111C-CP
LD947	48T25534Y03	LED AMB AA1111C-CP
LD948	48T25534Y03	LED AMB AA1111C-CP
LD949	48T25534Y03	LED AMB AA1111C-CP
LD958	48T25534Y03	LED AMB AA1111C-CP
LD959	48T25534Y03	LED AMB AA1111C-CP
LD960	48T25534Y03	LED AMB AA1111C-CP
LD961	48T25534Y03	LED AMB AA1111C-CP
LD962	48T25534Y03	LED AMB AA1111C-CP

NOTE : ○ : For General Foreign Model Only

Symbol No.	Part No.	Description
Switches		
SW901	40T55656W06	SW,TACT SKQMAJ-XXX(DEFEAT)
SW902	40T55656W06	SW,TACT SKQMAJ-XXX(AUTO TCR)
SW903	40T55656W06	SW,TACT SKQMAJ-XXX(TCR/PHASE)
SW904	40T55656W06	SW,TACT SKQMAJ-XXX(3)
SW905	40T55656W06	SW,TACT SKQMAJ-XXX(5)
SW906	40T55656W06	SW,TACT SKQMAJ-XXX(DOLBY PL II)
SW907	40T55656W06	SW,TACT SKQMAJ-XXX(MX)
SW908	40T55656W06	SW,TACT SKQMAJ-XXX(P.EQ)
SW909	40T55656W06	SW,TACT SKQMAJ-XXX(G.EQ)
SW910	40T55656W06	SW,TACT SKQMAJ-XXX(X-OVER)
SW911	40T55656W06	SW,TACT SKQMAJ-XXX(ENTER)
SW912	40T55656W06	SW,TACT SKQMAJ-XXX(B.C.)
SW913	40T55656W06	SW,TACT SKQMAJ-XXX(1)
SW914	40T55656W06	SW,TACT SKQMAJ-XXX(CHANNEL)
SW915	40T55656W06	SW,TACT SKQMAJ-XXX(SET UP)
SW916	40T55656W06	SW,TACT SKQMAJ-XXX(2)
SW917	40T55656W06	SW,TACT SKQMAJ-XXX(4)
SW918	40T55656W06	SW,TACT SKQMAJ-XXX(6)
SW919	40T55656W06	SW,TACT SKQMAJ-XXX(DISP)
Lamps		
PL901	65T35324Y0	2LAMP, GRN 6-80-E5
PL902	65T35324Y0	2LAMP, GRN 6-80-E5
Capacitors		
C901	08E31820S01	CAP,CER 104-K-B1E-CP
C902	08E31820S01	CAP,CER 104-K-B1E-CP
C903	08E28764S01	CAP,CER 101-J-SL1H-CP
C904	08E28764S01	CAP,CER 101-J-SL1H-CP
C905	08E28764S01	CAP,CER 101-J-SL1H-CP
C908	08E28764S01	CAP,CER 101-J-SL1H-CP
C909	08E28764S01	CAP,CER 101-J-SL1H-CP
C912	08E28764S01	CAP,CER 101-J-SL1H-CP
C913	08E28764S01	CAP,CER 101-J-SL1H-CP
C914	08E28764S01	CAP,CER 101-J-SL1H-CP
C941	08E31820S01	CAP,CER 104-K-B1E-CP
C942	08E31820S01	CAP,CER 104-K-B1E-CP
C943	08E31820S01	CAP,CER 104-K-B1E-CP
C944	91T15058Y07	EMI,NFE31PT222Z1E-CP
C947	08E28764S01	CAP,CER 101-J-SL1H-CP
C948	08E31820S01	CAP,CER 104-K-B1E-CP
C949	08E31820S01	CAP,CER 104-K-B1E-CP
C950	08E31820S01	CAP,CER 104-K-B1E-CP

Symbol No.	Part No.	Description
C951	08E31939S01	CAP,CER 471-J-SL1H-CP
C952	08E32301S01	CAP,CER 105K-B0J-CP
C953	08E32301S01	CAP,CER 105K-B0J-CP
C954	08E31939S01	CAP,CER 471-J-SL1H-CP
C955	08E31939S01	CAP,CER 471-J-SL1H-CP
C956	08E31939S01	CAP,CER 471-J-SL1H-CP
C957	08E31820S01	CAP,CER 104-K-B1E-CP
Resistors		
R902	06E33329S01	RES,CF,511-J-1/16-CP
R903	06E33329S01	RES,CF,511-J-1/16-CP
R904	06E33329S01	RES,CF,511-J-1/16-CP
R905	06E33329S01	RES,CF,511-J-1/16-CP
R906	06E33253S01	RES,CF,222-F-1/16-CP
R907	06E33253S01	RES,CF,222-F-1/16-CP
R908	06E33329S01	RES,CF,511-J-1/16-CP
R909	06E33329S01	RES,CF,511-J-1/16-CP
R910	06E28624S01	RES,CF,0R0-J-1/16-CP
R911	06E28624S01	RES,CF,0R0-J-1/16-CP
R912	06E28624S01	RES,CF,0R0-J-1/16-CP
R913	06E34551S01	RES,CF,333-F-1/16-CP
R914	06E32289S01	RES,CF,123-F-1/16-CP
R915	06E32287S01	RES,CF,562-F-1/16-CP
R916	06E33254S01	RES,CF,332-F-1/16-CP
R917	06E33253S01	RES,CF,222-F-1/16-CP
R918	06E32205S01	RES,CF,152-F-1/16-CP
R919	06E33252S01	RES,CF,122-F-1/16-CP
R920	06E34551S01	RES,CF,333-F-1/16-CP
R921	06E32289S01	RES,CF,123-F-1/16-CP
R922	06E32287S01	RES,CF,562-F-1/16-CP
R923	06E33254S01	RES,CF,332-F-1/16-CP
R924	06E33253S01	RES,CF,222-F-1/16-CP
R925	06E32205S01	RES,CF,152-F-1/16-CP
R926	06E33252S01	RES,CF,122-F-1/16-CP
R927	06E34551S01	RES,CF,333-F-1/16-CP
R928	06E32289S01	RES,CF,123-F-1/16-CP
R929	06E32287S01	RES,CF,562-F-1/16-CP
R930	06E33254S01	RES,CF,332-F-1/16-CP
R931	06E33253S01	RES,CF,222-F-1/16-CP
R932	06E32205S01	RES,CF,152-F-1/16-CP
R933	06E33252S01	RES,CF,122-F-1/16-CP
R937	06E33076S01	RES,CF 62R-J-1/4-CP
R938	06E33076S01	RES,CF 62R-J-1/4-CP
R939	06E22073S01	RES,CF, 331-J-1/4-CP
R940	06E28534S01	RES,CF,103-J-1/16-CP
R941	06E22954S01	RES,CF 68R-J-1/4-CP
R942	06E22954S01	RES,CF 68R-J-1/4-CP

Symbol No.	Part No.	Description
R943	06E28534S01	RES,CF,103-J-1/16-CP
R944	06E33077S01	RES,CF 91R-J-1/4-CP
R945	06E33077S01	RES,CF 91R-J-1/4-CP
R946	06E33077S01	RES,CF 91R-J-1/4-CP
R947	06E33077S01	RES,CF 91R-J-1/4-CP
R948	06E33077S01	RES,CF 91R-J-1/4-CP
R949	06E33077S01	RES,CF 91R-J-1/4-CP
R950	06E28534S01	RES,CF,103-J-1/16-CP
R956	06E28534S01	RES,CF,103-J-1/16-CP
R957	06E28534S01	RES,CF,103-J-1/16-CP
R958	06E28534S01	RES,CF,103-J-1/16-CP
R959	06E28534S01	RES,CF,103-J-1/16-CP
R966	06E23901S01	RES,CF, 201R-J-1/4-CP
R968	06E22073S01	RES,CF, 331-J-1/4-CP
R969	06E28534S01	RES,CF,103-J-1/16-CP
R970	06E28534S01	RES,CF,103-J-1/16-CP
R971	06E28534S01	RES,CF,103-J-1/16-CP
R972	06E28534S01	RES,CF,103-J-1/16-CP
R973	06E28534S01	RES,CF,103-J-1/16-CP
R974	06E28534S01	RES,CF,103-J-1/16-CP
R975	06E28534S01	RES,CF,103-J-1/16-CP
R977	06E28534S01	RES,CF,103-J-1/16-CP
R978	06E28534S01	RES,CF,103-J-1/16-CP
R979	06E28534S01	RES,CF,103-J-1/16-CP
R980	06E28534S01	RES,CF,103-J-1/16-CP
R982	06E24393S01	RES,CF 56R-J-1/4-CP
R983	06E24393S01	RES,CF 56R-J-1/4-CP
R984	06E28534S01	RES,CF,103-J-1/16-CP
R985	06E28534S01	RES,CF,103-J-1/16-CP
R986	06E24393S01	RES,CF 56R-J-1/4-CP
R987	06E24393S01	RES,CF 56R-J-1/4-CP
R988	06E28549S01	RES,CF,472-J-1/16-CP
R989	06E28549S01	RES,CF,472-J-1/16-CP
R990	06E22073S01	RES,CF, 331-J-1/4-CP
R991	06E22073S01	RES,CF, 331-J-1/4-CP
R992	06E22073S01	RES,CF, 331-J-1/4-CP
R994	06E23901S01	RES,CF, 201R-J-1/4-CP
R1020	06E23901S01	RES,CF, 201R-J-1/4-CP
R1026	06E23901S01	RES,CF, 201R-J-1/4-CP
R1028	06E28534S01	RES,CF,103-J-1/16-CP
R1029	06E28534S01	RES,CF,103-J-1/16-CP
R1030	06E22954S01	RES,CF 68R-J-1/4-CP
R1032	06E33076S01	RES,CF 62R-J-1/4-CP
R1033	06E23901S01	RES,CF, 201R-J-1/4-CP
R1037	06E28624S01	RES,CF,0R0-J-1/16-CP
R1040	06E33329S01	RES,CF,511-J-1/16-CP
R1041	06E28624S01	RES,CF,0R0-J-1/16-CP
R1042	06E28624S01	RES,CF,0R0-J-1/16-CP
R1043	06E28624S01	RES,CF,0R0-J-1/16-CP

NOTE : ● : For Japanese Model Only

Symbol No.	Part No.	Description
R1044	06E28624S01	RES,CF,0R0-J-1/16-CP

Connectors

Symbol No.	Part No.	Description
CB901	09T75307W14	WTB 53261-1490
CB902	09T15108Y18	FFC,52746-1890-E9

Front P.W.Board(●)

IC's

Symbol No.	Part No.	Description
IC901	51T15490Y03	IC S-81233SG
IC902	51T25501Y01	IC, 74LCX541FT-EL-SE5
IC903	51T55576Y01	BU2098F-E2-SE5
IC904	51T55576Y01	BU2098F-E2-SE5
IC905	51E28014S01	IC, NJM78L05UA-TE1

Transistors

Symbol No.	Part No.	Description
Q901	48T63788F01	TR, CP, 2SD1328-TX
Q902	48T63788F01	TR, CP, 2SD1328-TX
Q904	48T63788F01	TR, CP, 2SD1328-TX
Q905	48T63788F01	TR, CP, 2SD1328-TX
Q906	48T63788F01	TR, CP, 2SD1328-TX
Q907	48T63788F01	TR, CP, 2SD1328-TX
Q910	48T63788F01	TR, CP, 2SD1328-TX
Q911	48T63788F01	TR, CP, 2SD1328-TX
Q912	48T63788F01	TR, CP, 2SD1328-TX

Diodes

Symbol No.	Part No.	Description
D901	48T15702W01	DIO,CP SB05-05CP
D902	48T15702W01	DIO,CP SB05-05CP
D903	48T15702W01	DIO,CP SB05-05CP

LED's

Symbol No.	Part No.	Description
LD901	48T25534Y09	LED BLUE DB1111C10-CP
LD902	48T25534Y09	LED BLUE DB1111C10-CP
LD903	48T25534Y09	LED BLUE DB1111C10-CP
LD904	48T25534Y09	LED BLUE DB1111C10-CP
LD905	48T25534Y09	LED BLUE DB1111C10-CP
LD906	48T25534Y09	LED BLUE DB1111C10-CP
LD907	48T25534Y09	LED BLUE DB1111C10-CP

Symbol No.	Part No.	Description
LD908	48T25534Y09	LED BLUE DB1111C10-CP
LD909	48T25534Y09	LED BLUE DB1111C10-CP
LD910	48T25534Y01	LED GRN BG1111C-CP
LD911	48T25534Y01	LED GRN BG1111C-CP
LD912	48T25534Y01	LED GRN BG1111C-CP
LD913	48T25534Y01	LED GRN BG1111C-CP
LD914	48T25534Y01	LED GRN BG1111C-CP
LD915	48T25534Y01	LED GRN BG1111C-CP
LD916	48T25534Y01	LED GRN BG1111C-CP
LD917	48T25534Y09	LED BLUE DB1111C10-CP
LD918	48T25534Y09	LED BLUE DB1111C10-CP
LD919	48T45280Y01	LED WHT NSCWS405T-E2
LD920	48T45280Y01	LED WHT NSCWS405T-E2
LD921	48T45280Y01	LED WHT NSCWS405T-E2
LD922	48T45280Y01	LED WHT NSCWS405T-E2
LD923	48T45280Y01	LED WHT NSCWS405T-E2
LD924	48T45280Y01	LED WHT NSCWS405T-E2
LD931	48T25534Y03	LED AMB AA1111C-CP
LD932	48T25534Y03	LED AMB AA1111C-CP
LD933	48T25534Y03	LED AMB AA1111C-CP
LD943	48T25534Y09	LED BLUE DB1111C10-CP
LD944	48T25534Y09	LED BLUE DB1111C10-CP
LD945	48T25534Y09	LED BLUE DB1111C10-CP
LD946	48T25534Y09	LED BLUE DB1111C10-CP
LD947	48T25534Y03	LED AMB AA1111C-CP
LD948	48T25534Y03	LED AMB AA1111C-CP
LD949	48T25534Y03	LED AMB AA1111C-CP
LD958	48T25534Y03	LED AMB AA1111C-CP
LD959	48T25534Y03	LED AMB AA1111C-CP
LD960	48T25534Y03	LED AMB AA1111C-CP
LD961	48T25534Y03	LED AMB AA1111C-CP
LD962	48T25534Y03	LED AMB AA1111C-CP

Switches

Symbol No.	Part No.	Description
SW901	40T55656W06	SW,TACT SKQMAJ-XXX(DEFEAT)
SW902	40T55656W06	SW,TACT SKQMAJ-XXX(AUTO TCR)
SW903	40T55656W06	SW,TACT SKQMAJ-XXX(TCR/PHASE)
SW904	40T55656W06	SW,TACT SKQMAJ-XXX(3)
SW905	40T55656W06	SW,TACT SKQMAJ-XXX(5)
SW906	40T55656W06	SW,TACT SKQMAJ-XXX(DOLBY PLII)
SW907	40T55656W06	SW,TACT SKQMAJ-XXX(MX)
SW908	40T55656W06	SW,TACT SKQMAJ-XXX(P.EQ)
SW909	40T55656W06	SW,TACT SKQMAJ-XXX(G.EQ)
SW910	40T55656W06	SW,TACT SKQMAJ-XXX(X-OVER)
SW911	40T55656W06	SW,TACT SKQMAJ-XXX(ENTER)
SW912	40T55656W06	SW,TACT SKQMAJ-XXX(B.C.)
SW913	40T55656W06	SW,TACT SKQMAJ-XXX(1)
SW914	40T55656W06	SW,TACT SKQMAJ-XXX(CHANNEL)
SW915	40T55656W06	SW,TACT SKQMAJ-XXX(SET UP)
SW916	40T55656W06	SW,TACT SKQMAJ-XXX(2)
SW917	40T55656W06	SW,TACT SKQMAJ-XXX(4)
SW918	40T55656W06	SW,TACT SKQMAJ-XXX(6)
SW919	40T55656W06	SW,TACT SKQMAJ-XXX(DISP)

Lamps

Symbol No.	Part No.	Description
PL901	65T35324Y06	LAMP BLUE 6-80
PL902	65T35324Y06	LAMP BLUE 6-80

Filter

Symbol No.	Part No.	Description
C944	91T15058Y07	EMI,NFE31PT222Z1E-CP

Capacitors

Symbol No.	Part No.	Description
C901	08E31820S01	CAP,CER 104-K-B1E-CP
C902	08E31820S01	CAP,CER 104-K-B1E-CP
C903	08E28764S01	CAP,CER 101-J-SL1H-CP
C904	08E28764S01	CAP,CER 101-J-SL1H-CP
C905	08E28764S01	CAP,CER 101-J-SL1H-CP
C908	08E28764S01	CAP,CER 101-J-SL1H-CP
C909	08E28764S01	CAP,CER 101-J-SL1H-CP
C912	08E28764S01	CAP,CER 101-J-SL1H-CP
C913	08E28764S01	CAP,CER 101-J-SL1H-CP
C914	08E28764S01	CAP,CER 101-J-SL1H-CP
C941	08E31820S01	CAP,CER 104-K-B1E-CP
C942	08E31820S01	CAP,CER 104-K-B1E-CP
C943	08E31820S01	CAP,CER 104-K-B1E-CP
C947	08E28764S01	CAP,CER 101-J-SL1H-CP
C948	08E31820S01	CAP,CER 104-K-B1E-CP
C949	08E31820S01	CAP,CER 104-K-B1E-CP
C950	08E31820S01	CAP,CER 104-K-B1E-CP
C951	08E31939S01	CAP,CER 471-J-SL1H-CP
C952	08E32301S01	CAP,CER 105K-B0J-CP
C953	08E32301S01	CAP,CER 105K-B0J-CP
C954	08E31939S01	CAP,CER 471-J-SL1H-CP
C955	08E31939S01	CAP,CER 471-J-SL1H-CP
C956	08E31939S01	CAP,CER 471-J-SL1H-CP
C957	08E31820S01	CAP,CER 104-K-B1E-CP

Symbol No.	Part No.	Description
Resistors		
R902	06E33329S01	RES,CF,511-J-1/16-CP
R903	06E33329S01	RES,CF,511-J-1/16-CP
R904	06E33329S01	RES,CF,511-J-1/16-CP
R905	06E33329S01	RES,CF,511-J-1/16-CP
R906	06E33253S01	RES,CF,222-F-1/16-CP
R907	06E33253S01	RES,CF,222-F-1/16-CP
R908	06E33329S01	RES,CF,511-J-1/16-CP
R909	06E33329S01	RES,CF,511-J-1/16-CP
R910	06E28624S01	RES,CF,0R0-J-1/16-CP
R911	06E28624S01	RES,CF,0R0-J-1/16-CP
R912	06E28624S01	RES,CF,0R0-J-1/16-CP
R913	06E34551S01	RES,CF,333-F-1/16-CP
R914	06E32289S01	RES,CF,123-F-1/16-CP
R915	06E32287S01	RES,CF,562-F-1/16-CP
R916	06E33254S01	RES,CF,332-F-1/16-CP
R917	06E33253S01	RES,CF,222-F-1/16-CP
R918	06E32205S01	RES,CF,152-F-1/16-CP
R919	06E33252S01	RES,CF,122-F-1/16-CP
R920	06E34551S01	RES,CF,333-F-1/16-CP
R921	06E32289S01	RES,CF,123-F-1/16-CP
R922	06E32287S01	RES,CF,562-F-1/16-CP
R923	06E33254S01	RES,CF,332-F-1/16-CP
R924	06E33253S01	RES,CF,222-F-1/16-CP
R925	06E32205S01	RES,CF,152-F-1/16-CP
R926	06E33252S01	RES,CF,122-F-1/16-CP
R927	06E34551S01	RES,CF,333-F-1/16-CP
R928	06E32289S01	RES,CF,123-F-1/16-CP
R929	06E32287S01	RES,CF,562-F-1/16-CP
R930	06E33254S01	RES,CF,332-F-1/16-CP
R931	06E33253S01	RES,CF,222-F-1/16-CP
R932	06E32205S01	RES,CF,152-F-1/16-CP
R933	06E33252S01	RES,CF,122-F-1/16-CP
R934	06E20752S01	RES,CF, 221-J-1/4-CP
R935	06E20752S01	RES,CF, 221-J-1/4-CP
R936	06E20752S01	RES,CF, 221-J-1/4-CP
R937	06E33076S01	RES,CF 62R-J-1/4-CP
R938	06E33076S01	RES,CF 62R-J-1/4-CP
R939	06E23901S01	RES,CF, 331-J-1/4-CP
R940	06E28534S01	RES,CF,103-J-1/16-CP
R941	06E25238S01	RES,CF, 82R-J-1/4-CP
R942	06E25238S01	RES,CF, 82R-J-1/4-CP
R943	06E28534S01	RES,CF,103-J-1/16-CP
R946	06E22115S01	RES,CF, 101-J-1/4-CP
R956	06E28534S01	RES,CF,103-J-1/16-CP
R957	06E28534S01	RES,CF,103-J-1/16-CP
R958	06E28534S01	RES,CF,103-J-1/16-CP
R959	06E28534S01	RES,CF,103-J-1/16-CP
R966	06E20752S01	RES,CF, 221-J-1/4-CP
R968	06E23901S01	RES,CF, 331-J-1/4-CP
R969	06E28534S01	RES,CF,103-J-1/16-CP
R970	06E28534S01	RES,CF,103-J-1/16-CP
R971	06E28534S01	RES,CF,103-J-1/16-CP
R972	06E28534S01	RES,CF,103-J-1/16-CP
R973	06E28534S01	RES,CF,103-J-1/16-CP
R974	06E28534S01	RES,CF,103-J-1/16-CP
R975	06E28534S01	RES,CF,103-J-1/16-CP
R977	06E28534S01	RES,CF,103-J-1/16-CP
R978	06E28534S01	RES,CF,103-J-1/16-CP
R979	06E28534S01	RES,CF,103-J-1/16-CP
R980	06E28534S01	RES,CF,103-J-1/16-CP
R982	06E30721S01	RES,CF, 121R-J-1/4-CP
R983	06E30721S01	RES,CF, 121R-J-1/4-CP
R984	06E28534S01	RES,CF,103-J-1/16-CP
R985	06E28534S01	RES,CF,103-J-1/16-CP
R986	06E30721S01	RES,CF, 121R-J-1/4-CP
R987	06E30721S01	RES,CF, 121R-J-1/4-CP
R988	06E28549S01	RES,CF,472-J-1/16-CP
R989	06E28549S01	RES,CF,472-J-1/16-CP
R990	06E23901S01	RES,CF, 331-J-1/4-CP
R991	06E23901S01	RES,CF, 331-J-1/4-CP
R992	06E23901S01	RES,CF, 331-J-1/4-CP
R994	06E20752S01	RES,CF, 221-J-1/4-CP
R1020	06E20752S01	RES,CF, 221-J-1/4-CP
R1026	06E20752S01	RES,CF, 221-J-1/4-CP
R1028	06E28534S01	RES,CF,103-J-1/16-CP
R1029	06E28534S01	RES,CF,103-J-1/16-CP
R1030	06E25238S01	RES,CF, 82R-J-1/4-CP
R1031	06E20752S01	RES,CF, 221-J-1/4-CP
R1032	06E30907S01	RES,CF, 751-J-1/4-CP
R1033	06E22548S01	RES,CF, 471-J-1/4-CP
R1035	06E28624S01	RES,CF,0R0-J-1/16-CP
R1038	06E28624S01	RES,CF,0R0-J-1/16-CP
R1039	06E28624S01	RES,CF,0R0-J-1/16-CP
R1040	06E33329S01	RES,CF,511-J-1/16-CP
R1041	06E28624S01	RES,CF,0R0-J-1/16-CP
R1042	06E28624S01	RES,CF,0R0-J-1/16-CP
R1043	06E28624S01	RES,CF,0R0-J-1/16-CP
R1044	06E28624S01	RES,CF,0R0-J-1/16-CP
Connectors		
CB901	09T75307W14	WTB 53261-1490
CB902	09T15108Y18	FFC,52746-1890-E9

Symbol No.	Part No.	Description
Miscellaneous		
JACK301	01E34613S01	ASS'Y DIN CON 300MM 13P (To PROCESSOR UNIT)
LCD1	65T65005Y01	LCD, NTD-21358H
VOL901	40T45624Y04	ENC, EC11E152V (ROTARY ENCODER/PUSH-CONTROL (X-OVER/G.EQ/P.EQ/TCR/PHASE/ SETUP))

Symbol No.	Part No.	Description

Cabinet Assembly Parts List (COMMANDER Unit)

NOTE:The part that has not PART NUMBER will not be supplied.

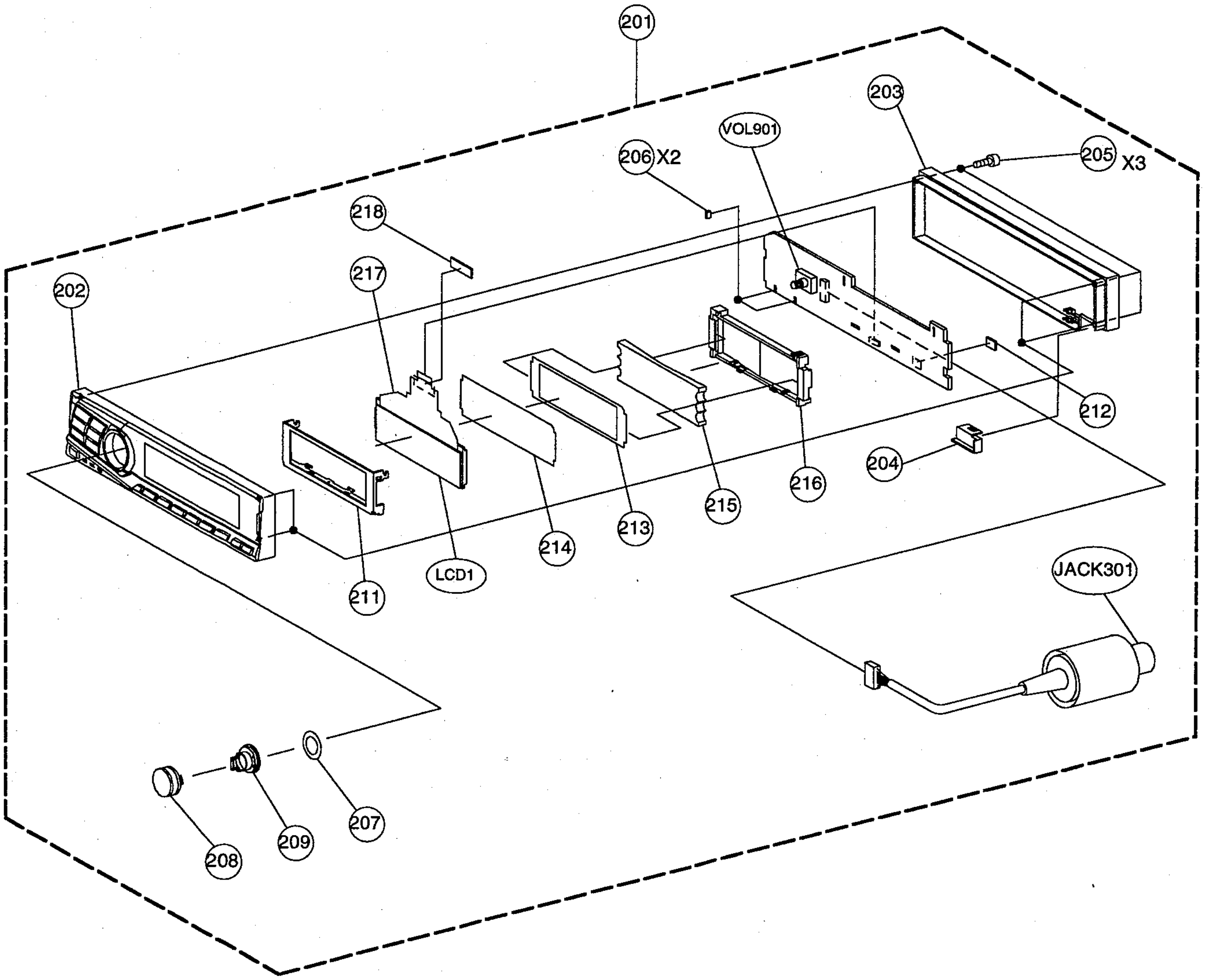
Symbol No.	Index	Part No.	Description
○ 201		01E34673S01	ASS'Y NOSE UNIT
● 201		01E34667S01	ASS'Y NOSE UNIT
○ 202		13E34607S01	ASS'Y NOSE PIECE
● 202		13E34666S01	ASS'Y NOSE PIECE
203		13E34601S01	NOSE BOTTOM(MAIN)
204		13E34602S01	NOSE,BOTTOM(SUB)
205		03E34600S01	SCR M1.7X16(P)TPG-TPT(BLK)
206		75E34603S01	CUSHION,NOSE(6X2X3T)
207		26E34604S01	SHEET,ROTARY
208		36E34605S01	KNOB,ROTARY(FRONT)
209		36E34606S01	KNOB,ROTARY(BASE)
211		15E34608S01	COVER,LCD
212		26E34609S01	SHEET 7X10X0.2t
213		26A41974Y01	REFLECTOR,SHEET
214		26E34611S01	REFLECTOR,SHEET
215		61E34614S01	LENS,LCD
216		15E34615S01	CASE,LCD
217		30T65010Y01	COF MODULE 1065
218		14S50096Y15	INS,CVR 10X20XT0.188

Symbol No.	Index	Part No.	Description

NOTE : ○ :For General Foreign Model Only, ● : For Japanese Model Only, Others : Common.

Exploded View (Cabinet)

<COMMANDER Unit>


201
203
VOL901
206 X2
205 X3
218
217
202
212
204
216
215
213
214
LCD1
211
JACK301
207
209
208

Printed by: Schaltungsdienst Lange, Berlin (GERMANY)